

Panasonic®



Operating Instructions (For Copier)

Digital Color Imaging Systems

Model No. DP-C406 / C306 / C266

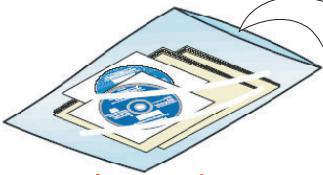


Before operating this machine, please carefully read this manual and keep this documentation in a safe place for future reference.
(Illustration shows optional accessories that may not be installed on your machine.)

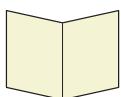
English

Operating Instructions

The following Operating Instruction manuals are included with this machine. Please refer to the appropriate manual and keep all manuals for future reference. If you lose the manual, contact the authorized Panasonic dealer.



Accessories



Quick Reference Guide

Describes the basic procedures for each function, and introduces various settings for Copy function.



Operating Instructions (For Basic)

Describes the overview of this machine.

For a detailed explanation of functions, please refer to the Operating Instruction manuals included on two CD-ROMs as illustrated below.



Operating Instructions CD

Contains manuals with detailed information for Administrator Setup, User Setup, Copy, Facsimile/Internet Fax, Scan/Email, Print functions, Function Parameters, User Authentication, and Maintenance.



Document Management System CD

Contains the Panasonic Document Management System Application software, and manuals for the Panasonic Document Management System Application software.

Operating Instructions CD

Setup Guide For Administrator

Describes how to set up the machine.

Setup Guide For User

Describes how to install the printer driver and application software to client PC.



Copy Function

Describes how to make a Color Copy with creative features.



Facsimile and Internet Fax Function

(The Facsimile function is available when the optional G3 Fax Communication Board is installed.)



Describes how to send/receive a Facsimile/Internet Fax, and describes the course of action to take when a trouble message appears, etc.



Scan and Email Function

Describes how to scan and how to send Email through the machine.



Print Function

Describes how to print using the Control Panel of the machine.

Function Parameters

Describes how to change the default settings of each function using the Control Panel of the machine.

User Authentication

Describes how to enable and use the User Authentication function.

Maintenance Guide

Describes how to maintain the machine, and the course of action to take when a problem message appears.

Document Management System CD

Application Software

Describes how to use the application software.

Ex: Printer Driver, Fax Driver, Quick Image Navigator, Device Monitor/Device Explorer, Network Configuration and Address Book Editor

Conventions

Icons

The following icons are used in this manual.

Icon	Description
	Indicates important information that must be read in detail.
	Indicates reference information.

Notation

The following notations are used in this manual.

Notation	Description
For Keys and Buttons	Hard buttons on the Control Panel are depicted as **** key, and soft buttons on the Touch Panel Display are depicted as “xxx”. Ex: Press the Start key and select “ More Menus ”.

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Placing Originals

How to Place Originals

- On the ADF



Original Guides
Adjust the Original Guides to the original's width.

Originals can be set up to the Upper Limit Indicator.



Upper Guide **Upper Limit Indicator**

Acceptable Paper Type

Original Size: A3, B4, A4, A4-R, A5, A5-R, FLS (8" x 13", 8.5" x 13"), 5.5" x 8.5" (Invoice), 5.5" x 8.5" (Invoice-R), 8.5" x 11" (Letter), 8.5" x 11" (Letter-R), 8.5" x 14" (Legal), 11" x 17" (Ledger)

Paper Weight: 1 sided: 50-105 g/m² (14-28 lb)
2 sided: 64-105 g/m² (18-28 lb)

Notice for ADF

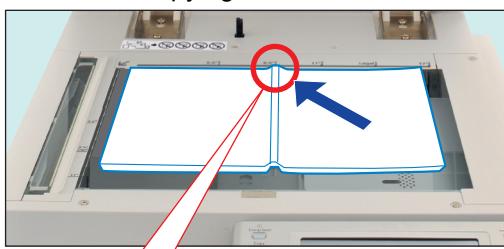
Do not use the following type / flawed originals.

- Drawing papers, Transparencies, Labeling paper, Heavy weight papers, Thin Art papers, Film, Thermal papers.
- Papers which are curled, ripped, creased, folded, punched, glued, stapled, or self-adhesive.
- Pressure sensitive or carbon backed papers.
- Paper which is still wet with color ink or white-out.

A3, B4, A4, A4-R, A5, A5-R, or FLS sized papers can be scanned from the ADF, but the size is not displayed on the Touch Panel Display.

- On the Platen Glass

Ex: Book Original ("Book -> 2" mode)
When copying 8.5" x 11" sized book



Face down.
Align the center of the book with the "8.5"" indication.

Ex: Sheet Original



Face down.
Align with top left corner.

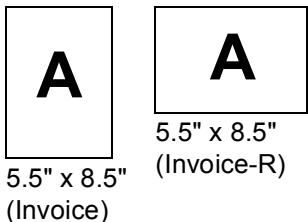
Notice for Platen Glass

Align the original to the top left corner mark (\swarrow).

- If the original is not positioned properly, a portion of the original may not be copied.
- For originals smaller than 5.5" x 8.5" (Invoice) size, position the original within the 5.5" x 8.5" area and select 5.5" x 8.5".

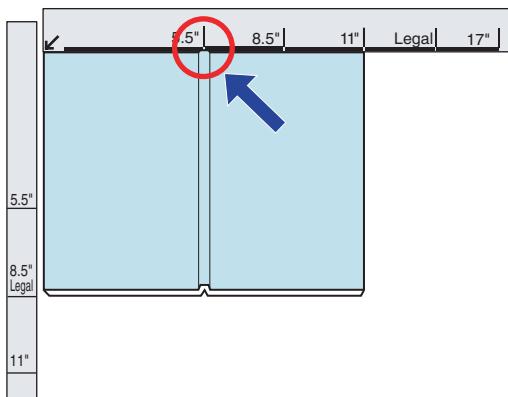
Original Orientation

Ex: 5.5" x 8.5"

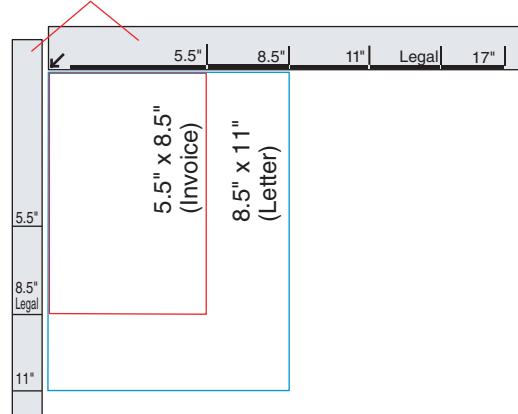


For Book -> 2 Copy

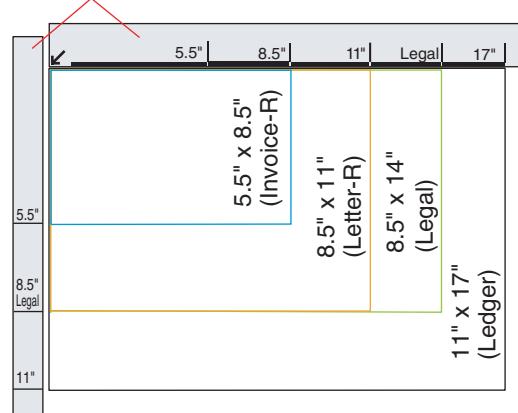
Ex: When copying 5.5" x 8.5" sized book, align the center of the book with the "5.5"" indication.



For Portrait Orientation Original Guides

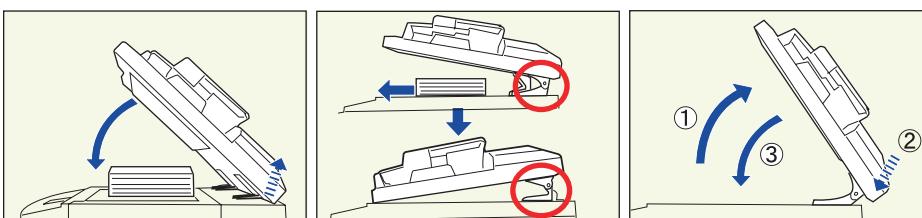


For Landscape Orientation Original Guides



Copying a thick booklet

- If there are less than 5 mm of white margin on originals, the edge of the copied paper may get blurred in white. To avoid the problem, change the setting of "Digital Skyshot Mode" to "No". For setting of "Digital Skyshot Mode", refer to **Copier Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- After copying a thick booklet, open the ADF and verify that the ADF Hinge was returned to original position in order to prevent the rear of the ADF from being raised.



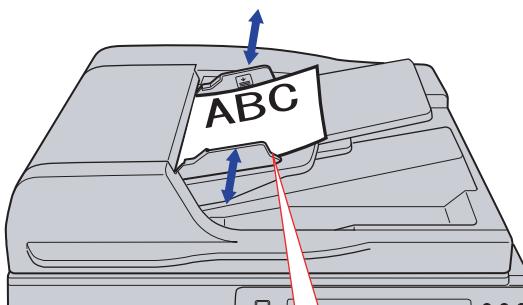
⚠ CAUTION

- When copying with the ADF open, do not look directly at the exposure lamp. Direct eye exposure can cause eye fatigue or eye injury.
- When copying a thick original, do not use excessive force to press it against the Platen Glass. The Glass may break and cause injuries.

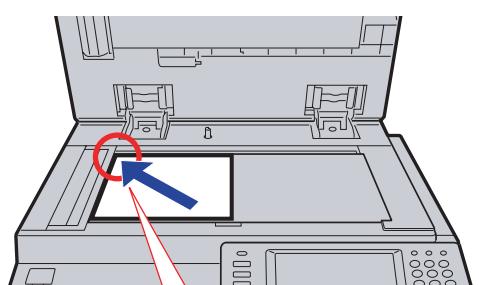
Basic Operation Procedure

The machine automatically detects original(s) and decides on the Copy Size and Color mode to use. If the detection fails, manually set the settings.

1 Place original(s).



Face up. Up to 100 sheets (20 lb/
Letter)



Face down. Align with top left
corner. Close ADF.

- Refer to **Placing Originals** (see page 6).

2 Press the **Copy** key if the machine is set to other function mode.



3 Select the required settings if necessary.



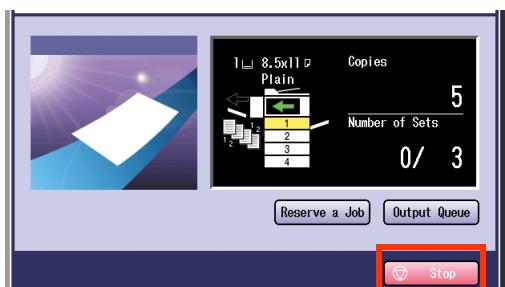
- The original size is detected and a corresponding Copy Size is automatically selected.
- When the desired size of paper is not set in the Paper Trays, use the Sheet Bypass. For using the Sheet Bypass, refer to **Adding Paper <Printing Media>** in the Operating Instructions (For Maintenance) of provided CD-ROM.
- The original's color is detected and the corresponding color mode is selected automatically.
- If the orientation of original does not match the orientation of copy paper, the image of original is rotated automatically and copied.
- When copying 8.5" x 11" size originals, selecting 8.5" x 11" for the Copy Size accelerates the continuous copying speed. If the orientation is not the same for both settings, the copied image is automatically rotated by 90 degrees.
- For more details of the Basic Menu screen, refer to **Basic Menu Features** (see pages 10 to 40).
- When setting other features, refer to **More Menus Features** (see pages 42 to 102).
Ex: 2-Sided Copy, Sort / Finish, Zoom/Effects, etc.

4 Enter the desired number of copies. (Up to 999)



- When inputting a number (4 to 8 digits) with the optional Fax Communication Board installed, the machine automatically interprets it as a telephone number, switches to the Fax mode, and displays the Number Pad screen.
- The number of digits interpreted as a fax number can be set from 4 to 8 digits in the Function Parameter “**118 Fax Function Detect**” (Fax/Email Settings > Fax Parameters). For more details, refer to **Fax/Email Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

5 Press the Start key.



- To stop the job while making copies, select “**Stop**” on the above screen. To cancel the job, select “**Yes**”.
- While and after making copies, the fan motor may spin to cool down the machine.

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

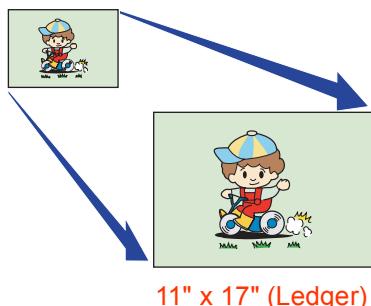


Copying with Preset Ratios (Reduction/Enlargement)

You can easily enlarge or reduce the copy size by selecting the preset size with the Copy Size buttons.

Ex: Enlargement

8.5" x 11" (Letter-R)

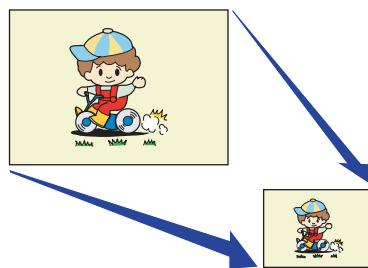


NOTE

- To change the assigned paper size of Copy Size buttons, select “**Paper/Output Tray**” and modify the settings. For setting the paper size and media type for Paper Trays, refer to **General Settings (Key Operator Mode)** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

Ex: Reduction

11" x 17" (Ledger)



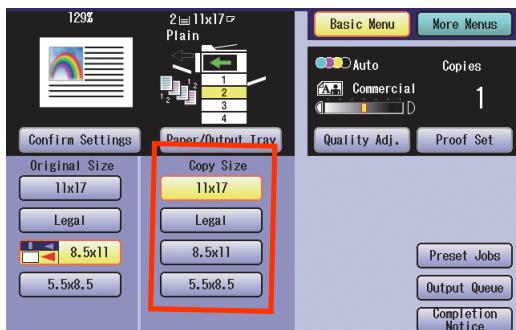
8.5" x 11" (Letter-R)

- 1 Place original(s) in Landscape Orientation.
● Refer to **Placing Originals** (see page 6).
- 2 Press the **Copy** key if the machine is set to other function mode.
- 3 Select a Copy Size.

Ex: Enlargement

Original Size: 8.5" x 11" (Letter-R)

Copy Size: 11" x 17" (Ledger)



The exact ratio (%) is automatically selected.
(%)

Original Size (Landscape)	Copy Size (Landscape)			
	11" x 17"	Legal	8.5" x 11"	5.5" x 8.5"
11" x 17"	100	77	65	50
Legal	121	100	79	61
8.5" x 11"	129	100	100	65
5.5" x 8.5"	200	155	129	100

(Legal: 8.5" x 14")

- Paper Tray will be selected according to the copy size.
- When the desired size of paper is not set in the Paper Trays, use the Sheet Bypass. For using the Sheet Bypass, refer to **Adding Paper <Printing Media>** in the Operating Instructions (For Maintenance) of provided CD-ROM.

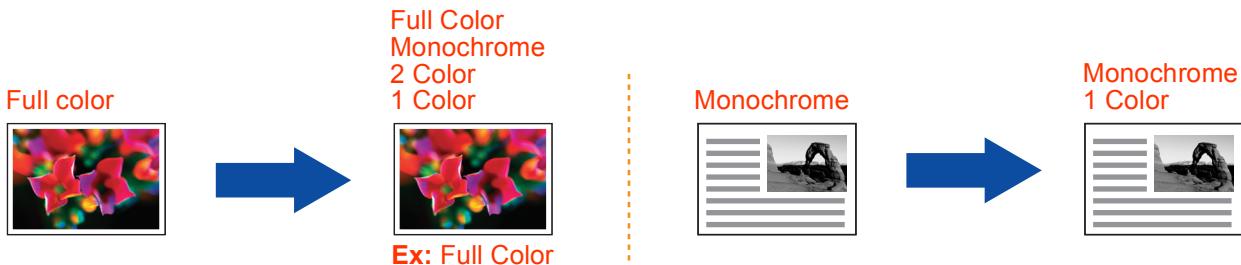
- 4 Enter the desired number of copies.
- 5 Press the **Start** key.

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Selecting the Color Mode

You can copy in the Color mode selected by the machine, or select the Color mode manually.



NOTE

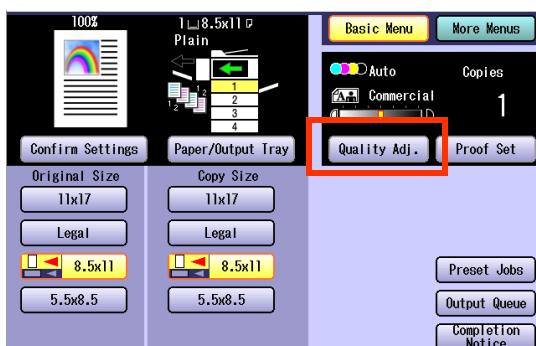
- The default Color mode settings can be changed. Refer to **Copier Settings (Key Operator Mode)** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- The manually selected Color mode settings will return to the default settings under the following conditions.
 - If the **Reset** key is pressed.
 - If Auto Reset Time interval has lapsed (default = 1 min).
 - If the power is turned OFF.

1 Place original(s).

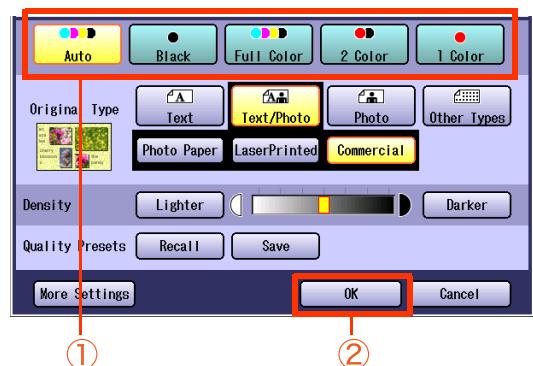
- Refer to **Placing Originals** (see page 6).

2 Press the **Copy** key if the machine is set to other function mode.

3 Select “**Quality Adj.**”.



4 Select the desired Color mode, and then select “**OK**”.



• Auto:

The color original is copied in Full Color and the monochrome original is copied in black and white by automatically detecting the original's color.

- **Black** (Monochrome) (see page 12)
- **Full Color** (see page 12)
- **2 Color** (see page 13)
- **1 Color** (see page 15)

5 Enter the desired number of copies.

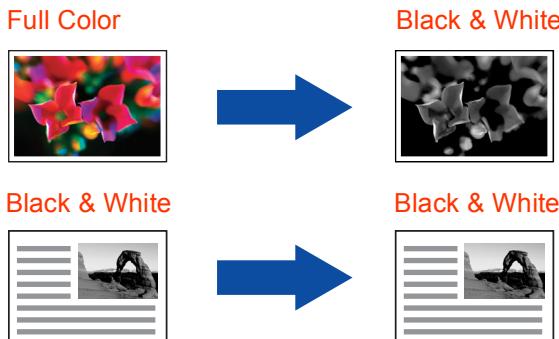
6 Press the **Start** key.

NOTE

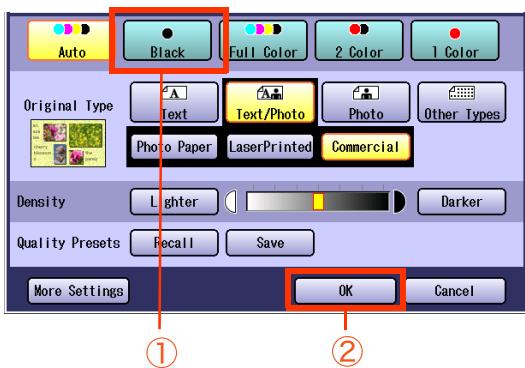
- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Black Mode

Color and monochrome originals can be copied in black and white.



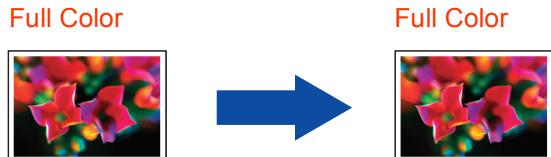
1 Select “Black”, and then select “OK”.



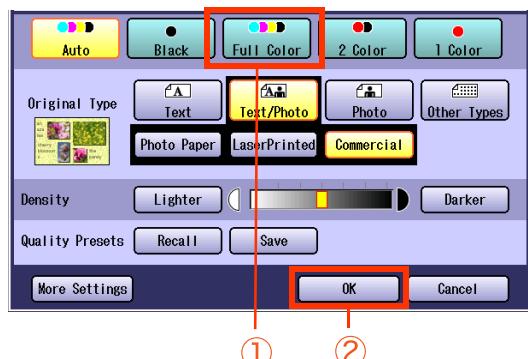
- To display this screen, refer to steps 1 to 3 of **Selecting the Color Mode** (see page 11).
- For the following procedure, refer to steps 5 to 6 of **Selecting the Color Mode** (see page 11).

Full Color Mode

Color original can be copied in Full Color.



1 Select “Full Color”, and then select “OK”.



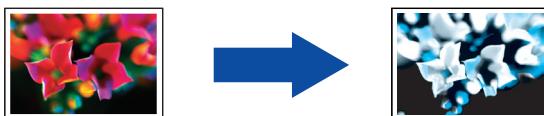
- To display this screen, refer to steps 1 to 3 of **Selecting the Color Mode** (see page 11).
- For the following procedure, refer to steps 5 to 6 of **Selecting the Color Mode** (see page 11).

2 Color Mode

Color original can be copied in 2 colors, which can be achieved by using black and another specified color.

The specified color can be selected from the basic colors (red, green, blue, yellow, magenta, and cyan) and the registered colors.

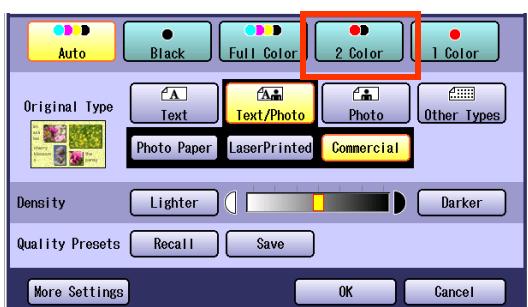
Ex: When copying a full color original in cyan and black.



NOTE

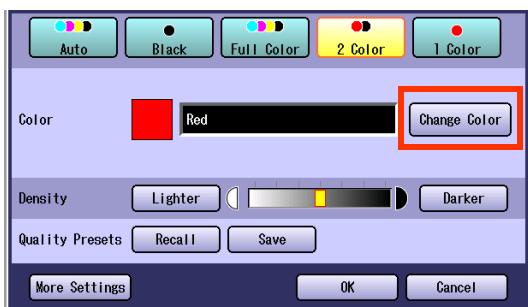
- When the 2 Color mode is selected, the Original Type setting selection is not available.

1 Select “2 Color”.



- To display this screen, refer to steps 1 to 3 of **Selecting the Color Mode** (see page 11).

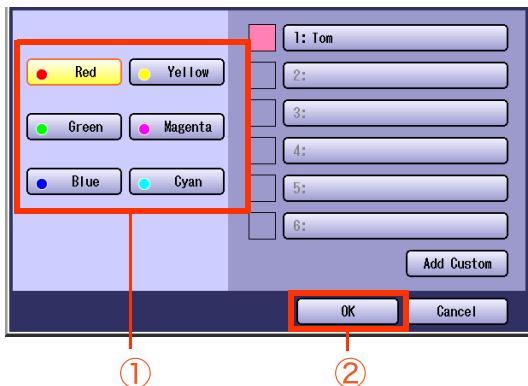
2 Select “Change Color”.



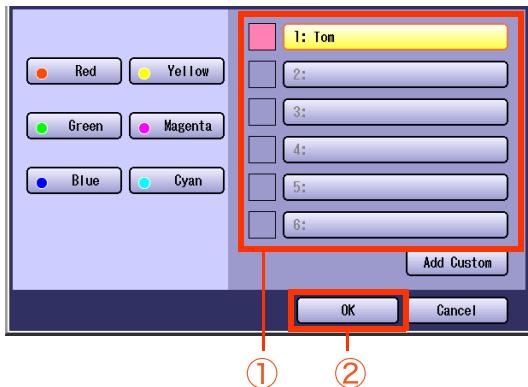
- The color and the specified name are displayed.

3 Select a color from the basic colors or custom colors, and then select “OK”.

- When selecting a color from the basic colors



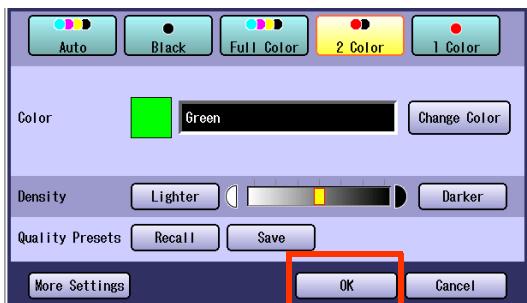
- When selecting a color from the custom colors



- When registering a custom color, refer to **New Color Registration** (see page 17).

4 Select “OK”.

Ex: “Green” is selected.



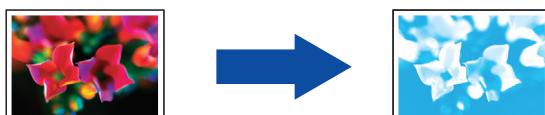
- For the following procedure, refer to steps 5 to 6 of **Selecting the Color Mode** (see page 11).

1 Color Mode

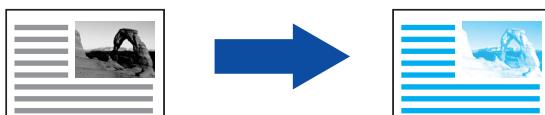
Color and monochrome originals can be copied in one specified color.

The color can be selected from the basic colors (red, green, blue, yellow, magenta, and cyan) and the registered colors.

Ex: Copying a full color original in cyan.



Ex: Copying a monochrome original in cyan.



NOTE

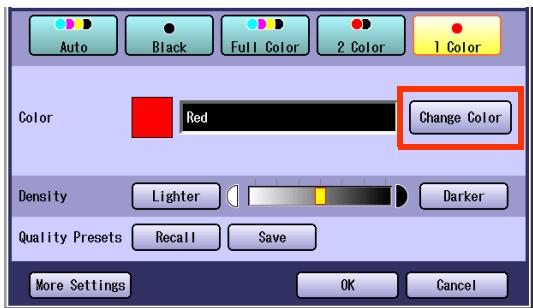
- When the 1 Color mode is selected, the Original Type setting selection is not available.

1 Select “1 Color”.



- To display this screen, refer to steps 1 to 3 of **Selecting the Color Mode** (see page 11).

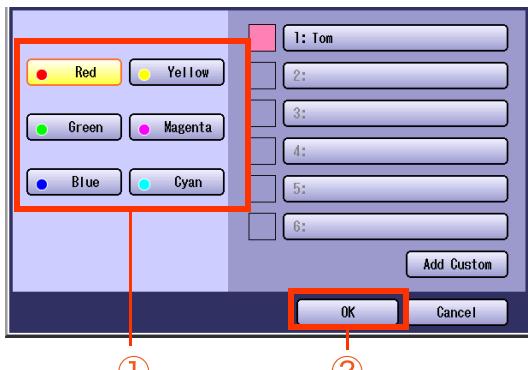
2 Select “Change Color”.



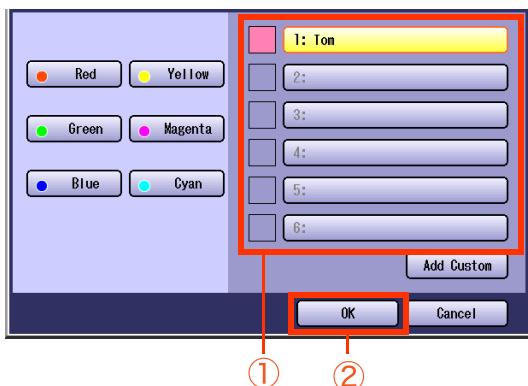
- The color and the specified name are displayed.

3 Select a color from the basic colors or custom colors, and then select “OK”.

- When selecting a color from the basic colors



- When selecting a color from the custom colors



- When registering a custom color, refer to **New Color Registration** (see page 17).

4 Select “OK”.

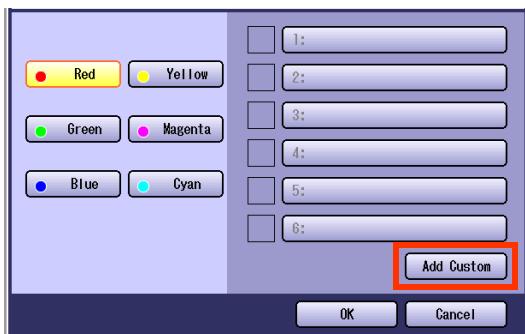
Ex: “Green” is selected.



- For the following procedure, refer to steps 5 to 6 of **Selecting the Color Mode** (see page 11).

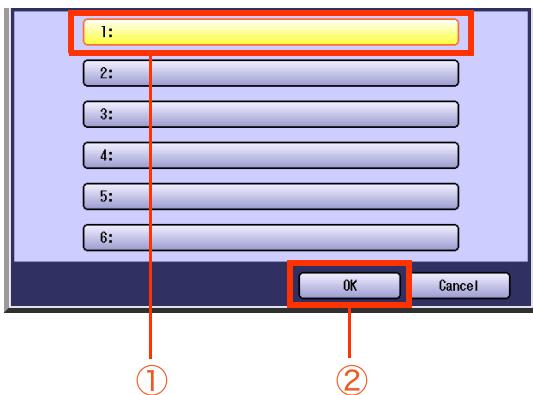
New Color Registration

1 Select “Add Custom”.

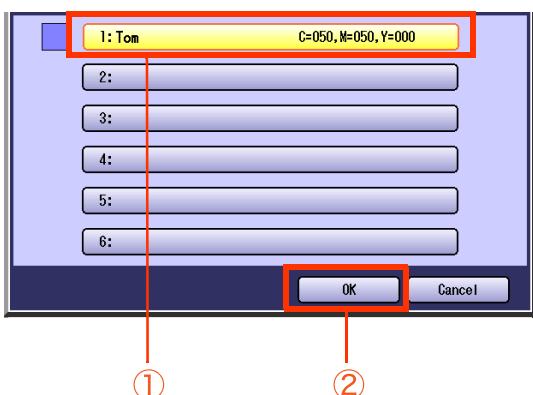


- To display this screen, refer to steps 1 to 2 of **2 Color Mode** (see page 13).

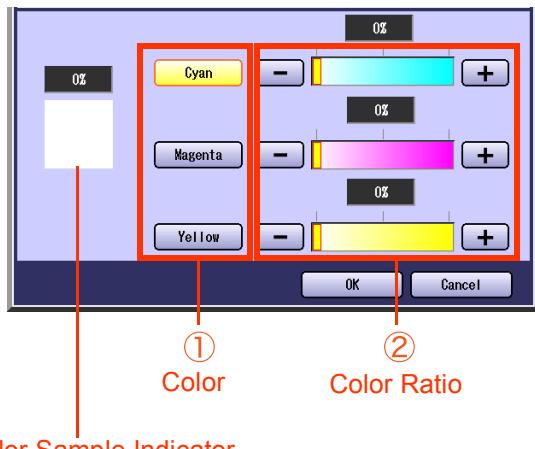
2 Select any button without a color name registered, and then select “OK”.



- When changing the registered color
Select the registered color name button, and then select “OK”.

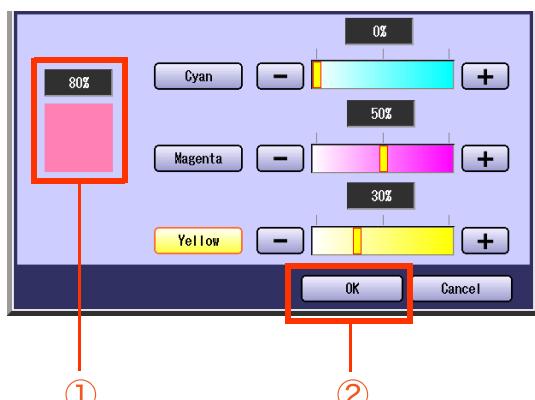


3 Adjust the color level of Cyan, Magenta, and Yellow colors.



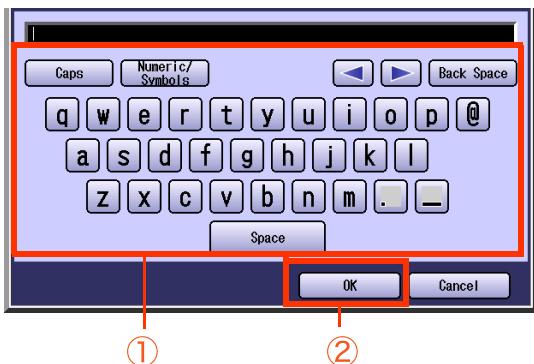
- The created new color can be confirmed with the Color Sample Indicator in real time.
- The total combined color level of Cyan, Magenta, and Yellow should be 240% or less.

4 Check the adjusted color, and then select “OK”.



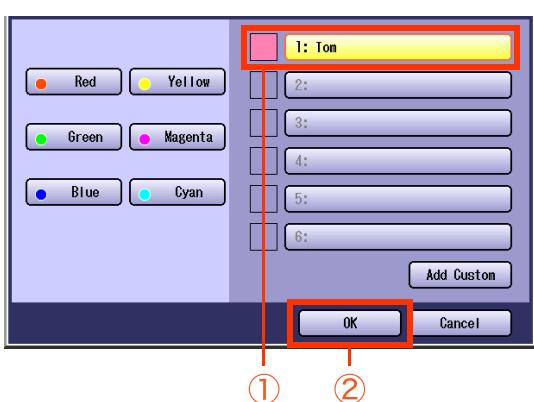
Continued on the next page...

- 5 Enter the original color name with the Keyboard, and then select “OK”.



- Up to 20 characters can be entered.
- For instructions on how to enter characters, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

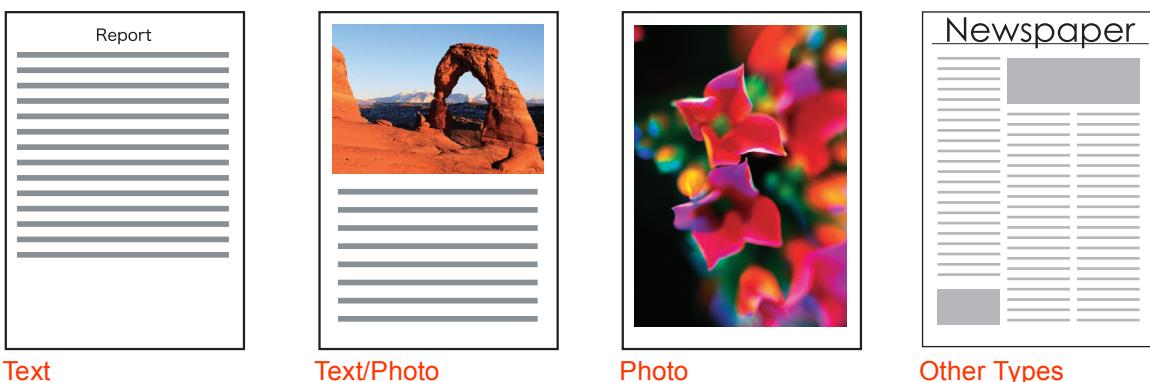
- 6 Confirm the registered color, and then select “OK”.



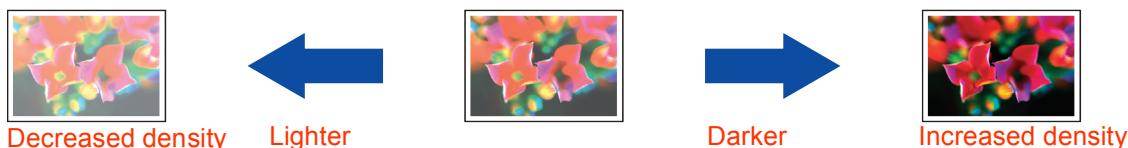
Memo

Selecting Original Type and Adjusting the Density

Select the original type corresponding to your documents.



Adjust the copy density according to your requirements.



NOTE

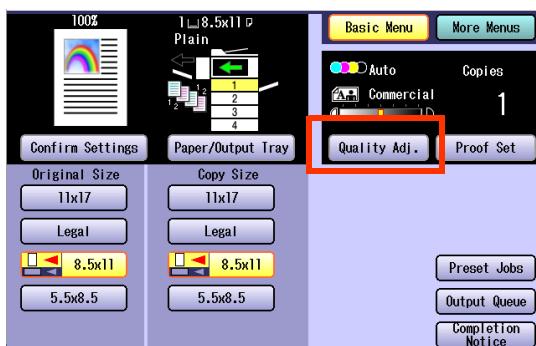
- The Original Type setting selection is not available when the 2 Color or 1 Color mode is selected.
- To change the “Original Type” default setting, refer to **Copier Settings (Key Operator Mode)** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

1 Place original(s).

- Refer to **Placing Originals** (see page 6).

2 Press the **Copy** key if the machine is set to other function mode.

3 Select “Quality Adj.”.

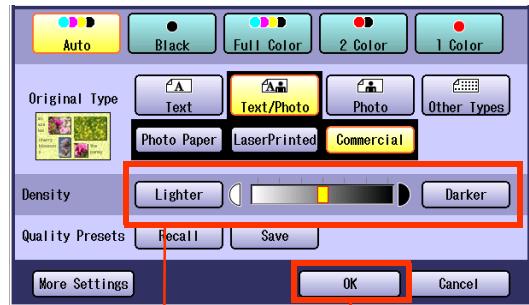


4 Select the Original Type.



Text	Select when copying text without any pictures. “Printed”: Original full of printed characters “Pencil”: Original written with pencil to make it darker
Text/Photo	Select when copying originals containing text and pictures. “Photo Paper” “LaserPrinted” “Commercial” Ex: Brochure
Photo	Select when copying photos. “Photo Paper”: Photos printed on paper “LaserPrinted”: Photos printed by laser printer “Commercial”: Photos on printed material Ex: Brochure
Other Types	Select when copying the following types of originals. “Map” “TracingPaper”: Select when the original is thin to prevent the image from bleeding through on the copy. “NewsPaper”: Select when the background color is not white (Ex: Newspaper).

- 5** Adjust the density using “Lighter” or “Darker”, and then select “OK”.



Lighter	Each time it is selected, the density level is decreased, brightening the printed color.
Darker	Each time it is selected, the density level is increased, darkening the printed color.

- 6** Enter the desired number of copies.

- 7** Press the **Start** key.

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Registering Quality Preset

Save your favorite quality adjustment setting by registering up to 5 Quality Presets.

The following quality adjustment settings can be registered:

- Auto, Black, Full Color, 2 Color, or 1 Color
- Original Type
- Density

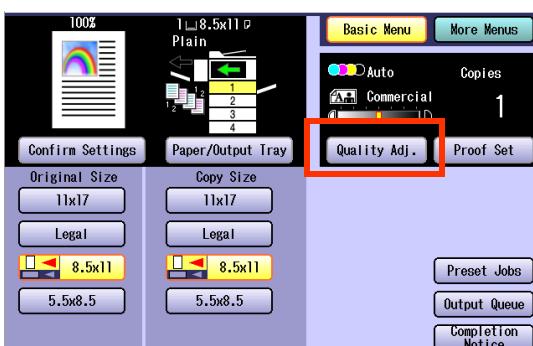
More Settings

- Background Removal
- BleedThrough Prevention
- Tint
- Contrast
- Sharpness
- Saturation
- Color Balance

NOTE

- For details on how to use the Quality Preset, refer to **Using Quality Preset** (see page 24).
- The registered image quality setting is kept until it is overwritten by a new setting.

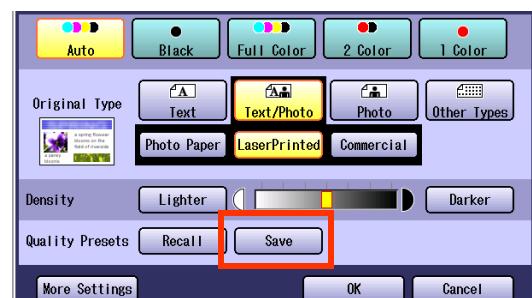
- 1 Place original(s).
● Refer to **Placing Originals** (see page 6).
- 2 Press the **Copy** key if the machine is set to other function mode.
- 3 Select “Quality Adj.”.



- 4 Select the desired quality settings.

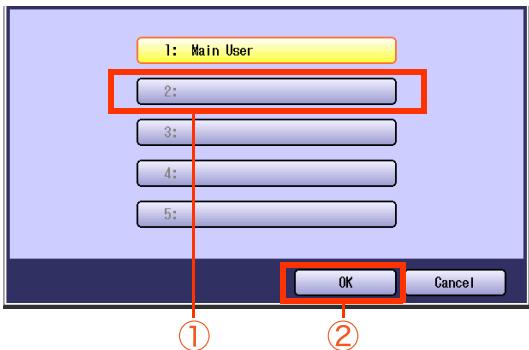


- 5 Select “Save”.



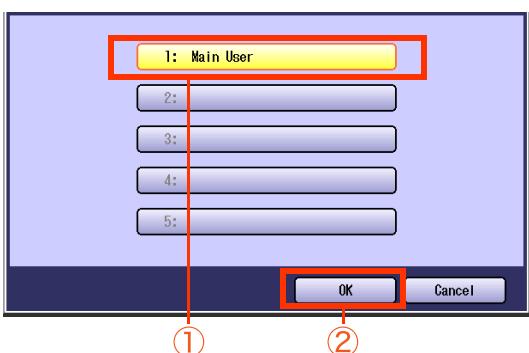
6 Select a Quality Preset button, and then select “OK”.

- When registering a new Quality Preset
Select an empty Quality Preset button.

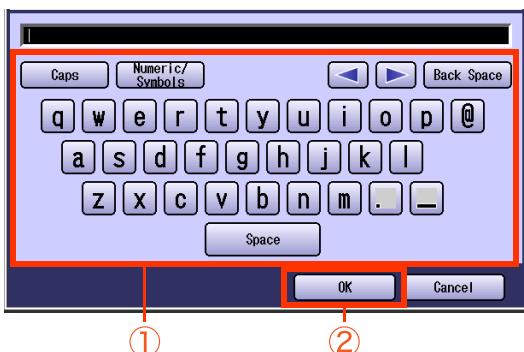


- When updating a registered Quality Preset

Select the registered Quality Preset button.

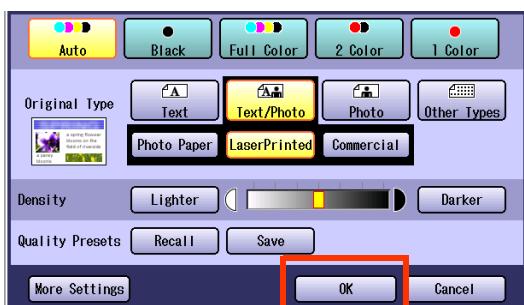


7 Enter the Quality Preset name, and then select “OK”.



- Registration will not be permitted without assigning a name.
- Up to 20 characters can be entered.
- For instructions on how to enter characters, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

8 Select “OK”.



9 Enter the desired number of copies.

10 Press the **Start** key.

Confirm the image quality of the copied papers.

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Using Quality Preset

You can recall the registered quality adjustment settings by the following procedures.

NOTE

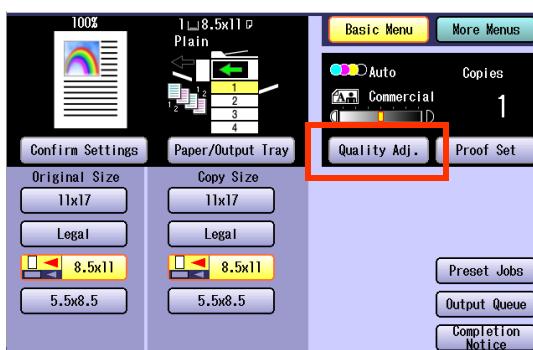
- For details on how to register image quality adjustment settings into Quality Preset, refer to **Registering Quality Preset** (see page 22).

1 Place original(s).

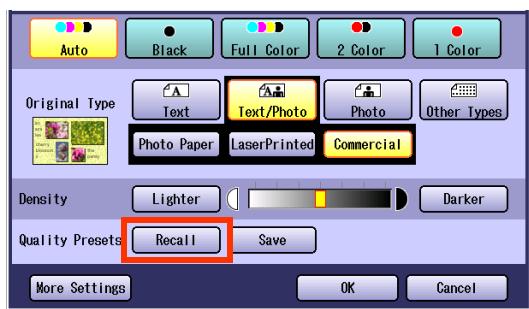
- Refer to **Placing Originals** (see page 6).

2 Press the **Copy** key if the machine is set to other function mode.

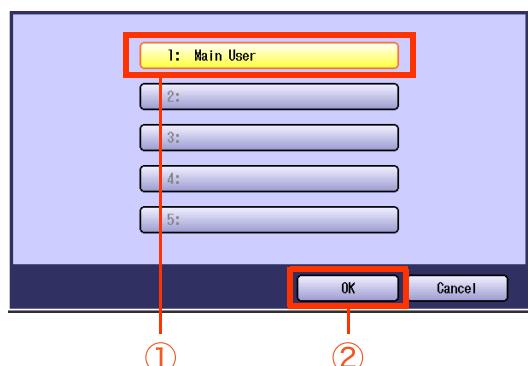
3 Select “Quality Adj.”.



4 Select “Recall”.

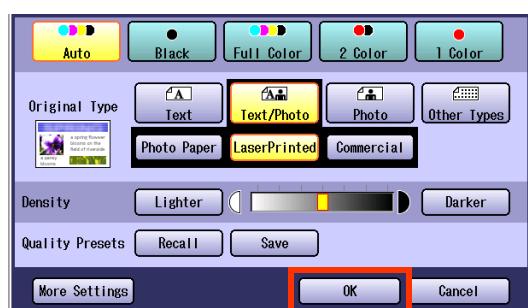


5 Select a Quality Preset button, and then select “OK”.



The selected Quality Preset settings are reflected.

6 Select “OK”.



7 Enter the desired number of copies.

8 Press the **Start** key.

Confirm the image quality of the copied papers.

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Quality Adjusting

Image quality items can be easily set by selecting from 4 image quality types (Lively, Bright, Warmer, and Cooler).

Additionally, in the Custom Setting selection, the following 7 image quality adjustments can be set.

- Background Removal
- BleedThrough Prevention
- Tint
- Contrast
- Sharpness
- Saturation
- Color Balance

NOTE

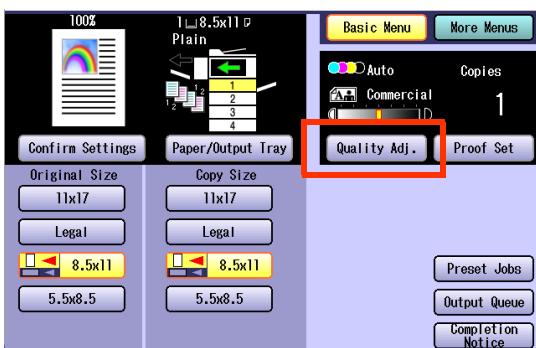
- The default settings of Background Removal, BleedThrough Prevention, Tint, Contrast, Sharpness, Saturation, and Color Balance can be changed. Refer to **Copier Settings (Key Operator Mode)** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- Under the following situations, the Color mode settings return to the standard settings.
 - If the **Reset** key is pressed.
 - If Auto Reset Time interval has lapsed (default = 1 min).
 - If the power is turned OFF.
 - If “Default” is selected in “**More Settings**”.
- If you select the Original Type after selecting the custom settings, the custom settings return to the standard settings.

1 Place original(s).

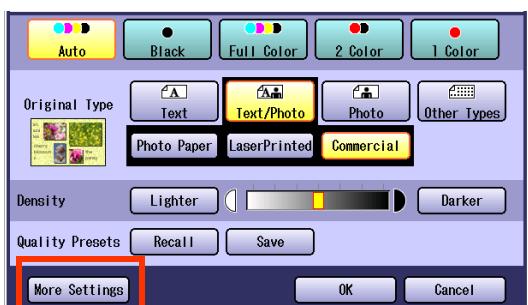
- Refer to **Placing Originals** (see page 6).

2 Press the **Copy** key if the machine is set to other function mode.

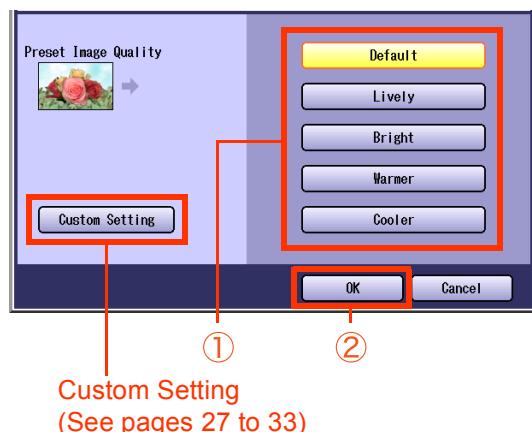
3 Select “Quality Adj.”.



4 Select “More Settings”.



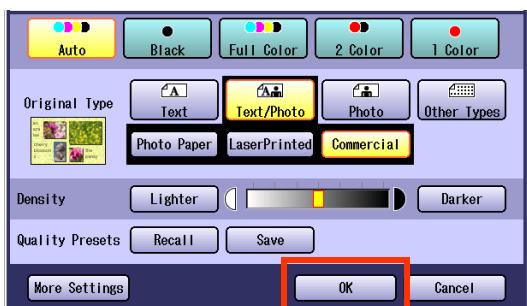
5 Select an Image Quality type, and then select “OK”.



Default	Copies with the default image quality set by the function parameters.
Lively	Copies with lively image quality.
Bright	Copies with bright image quality.
Warmer	Copies with reddish color accentuated.
Cooler	Copies with bluish color accentuated.

- If “TracingPaper” is selected in “Original Type”, the BleedThrough Prevention is set to 3 regardless of the selected image quality type.
- The default values are set upon shipment. Key operations can change these values. Refer to **Copier Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

6 Select “OK”.



7 Enter the desired number of copies.

8 Press the **Start** key.

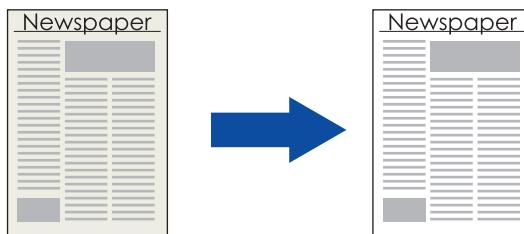
Confirm the image quality of the copied papers.

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Background Removal

The original can be copied with the background color removed. This function is useful when copying newspapers or an original with background color.



NOTE

- The setting of Background Removal becomes invalid if “Photo” is selected in “Original Type”.

1 Select “Custom Setting”.



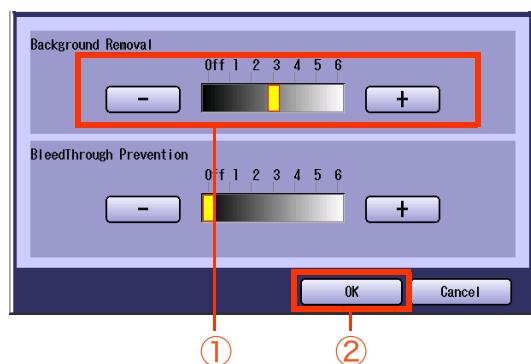
- To display this screen, refer to steps 1 to 4 of **Quality Adjusting** (see page 25).

2 Select “Background Removal”.



- If “TracingPaper” is selected in “Original Type”, Background Removal is set to 3.

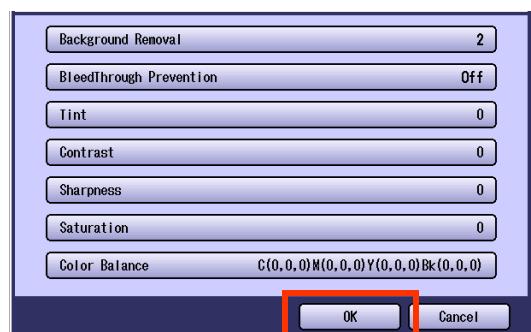
3 Adjust the level of Background Removal with “-” and “+”, and then select “OK”.



Background Removal

There are 6 levels. The higher the value, the more Background Color removed.

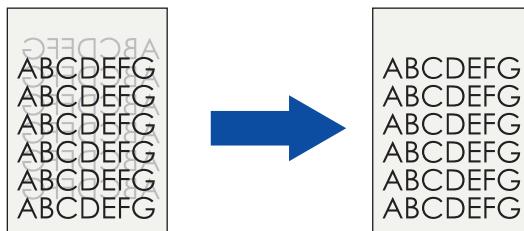
4 Select “OK”.



- For the following procedure, refer to steps 6 to 8 of **Quality Adjusting** (see page 26).

BleedThrough Prevention

Thin sheets of original can be copied without bleeding through.



NOTE

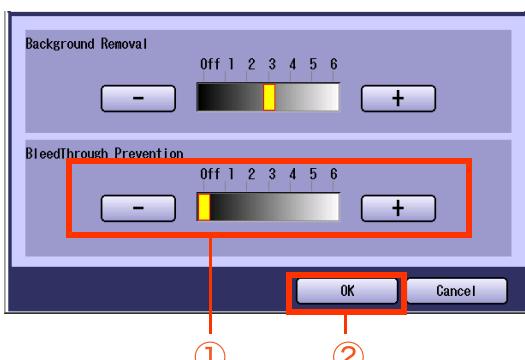
- The setting of BleedThrough Prevention becomes invalid if “Photo” is selected in “Original Type”.
- When setting the Tint adjustment to More Blue or More Red, the copies may come out with bleed through contamination.

1 Select “BleedThrough Prevention”.



- To display this screen, refer to step 1 of **Background Removal** (see page 27).
- If “TracingPaper” is selected in “Original Type”, BleedThrough Prevention of each image quality type is set to 3.

2 Adjust the level of BleedThrough Prevention with “-” and “+”, and then select “OK”.

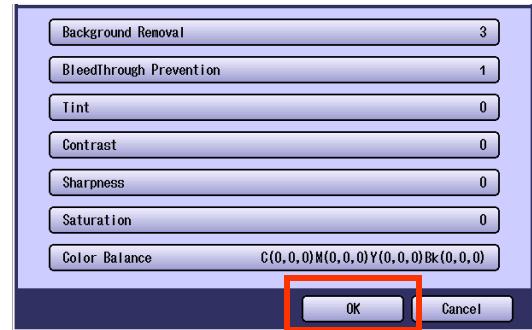


- If you set the Background Removal to “Off”, the BleedThrough Prevention will not be adjustable.

BleedThrough Prevention

There are 6 levels. The higher the level, the higher the prevention effect.

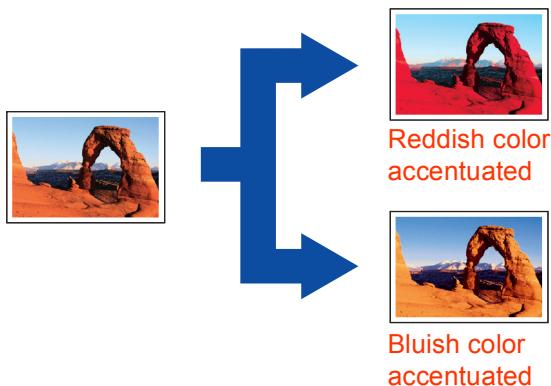
3 Select “OK”.



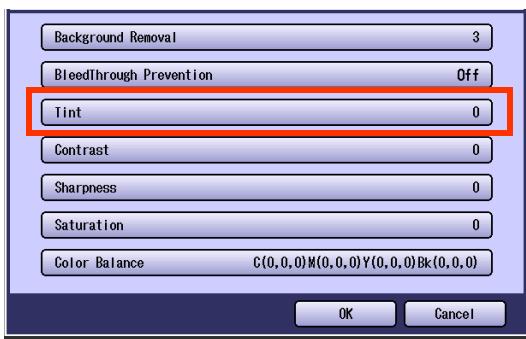
- For the following procedure, refer to steps 6 to 8 of **Quality Adjusting** (see page 26).

Tint

The original can be copied with reddish or bluish color accentuated.

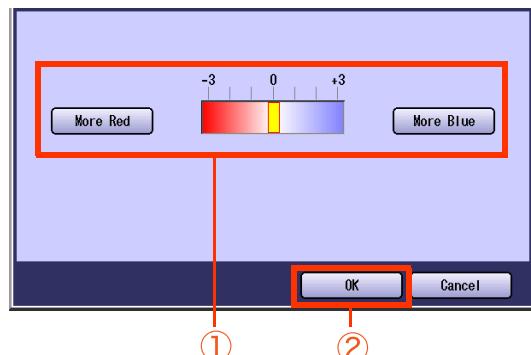


1 Select “Tint”.



- To display this screen, refer to step 1 of **Background Removal** (see page 27).

2 Adjust the color tone with “More Red” or “More Blue”, and then select “OK”.

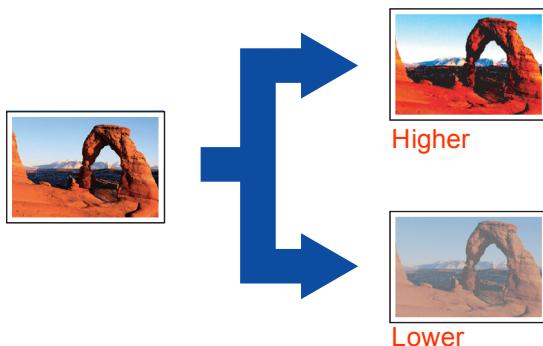


More Red	Each time it is selected, the level of reddish color increases by 1 grade. (The bluish color level decreases by 1 grade.)
More Blue	Each time it is selected, the level of bluish color increases by 1 grade. (The reddish color level decreases by 1 grade.)

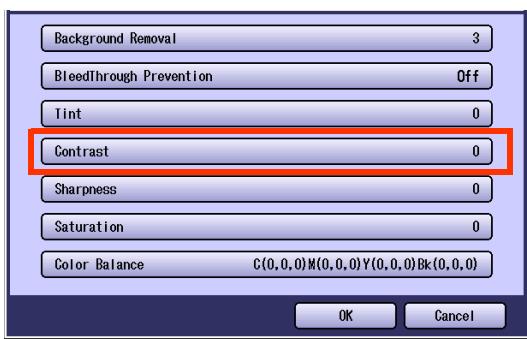
- The screen will return to step 1. Select “OK”, and then proceed to steps 6 to 8 of **Quality Adjusting** (see page 26).

Contrast

The original can be copied with the adjusted contrast.

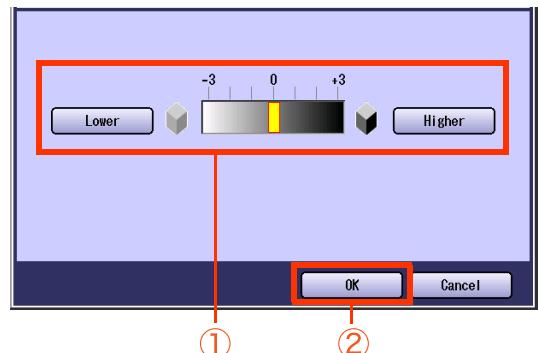


1 Select “Contrast”.



- To display this screen, refer to step 1 of **Background Removal** (see page 27).

2 Adjust the contrast with “Lower” or “Higher”, and then select “OK”.

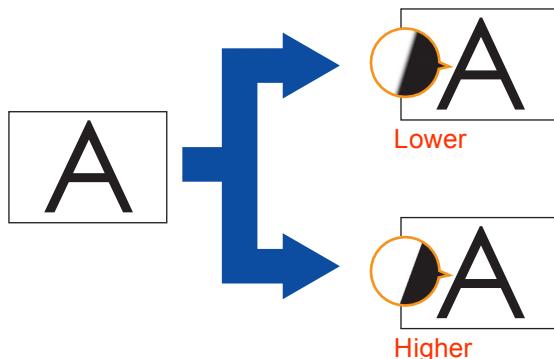


Lower	Each time it is selected, the contrast level decreases by 1 grade lower. (The distinction between brightness and darkness is reduced.)
Higher	Each time it is selected, the contrast level increases by 1 grade higher. (The distinction between brightness and darkness is increased.)

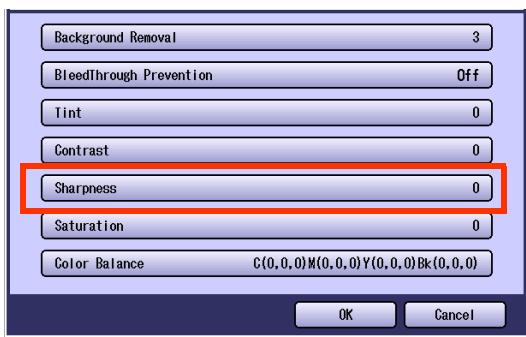
- The screen will return to step 1. Select “OK”, and then proceed to steps 6 to 8 of **Quality Adjusting** (see page 26).

Sharpness

The original can be copied by softening or sharpening the outline of the image.

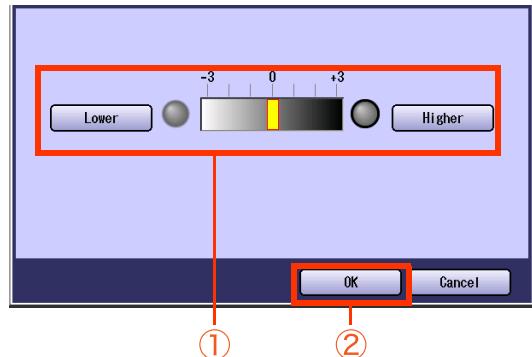


1 Select “Sharpness”.



- To display this screen, refer to step 1 of **Background Removal** (see page 27).

2 Adjust the sharpness with “Lower” or “Higher”, and then select “OK”.

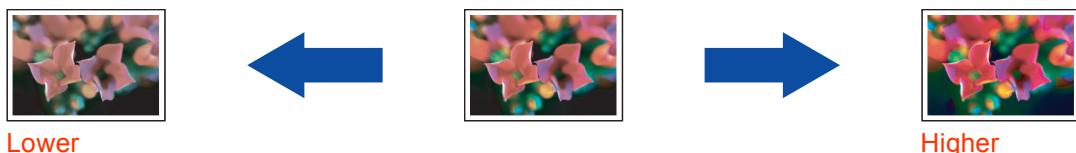


Lower	Each time it is selected, the sharpness level decreases by 1 grade lower. (The image outline is softened.)
Higher	Each time it is selected, the sharpness level increases by 1 grade higher. (The image outline is sharpened.)

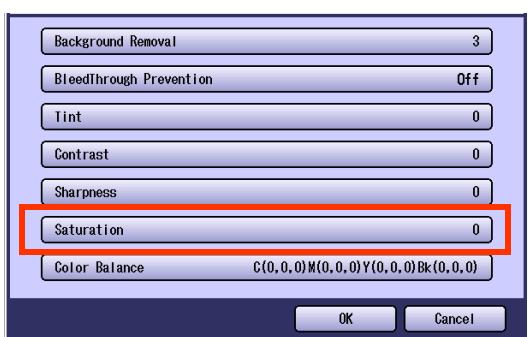
- The screen will return to step 1. Select “OK”, and then proceed to steps 6 to 8 of **Quality Adjusting** (see page 26).

Saturation

The original can be copied with the adjusted saturation.

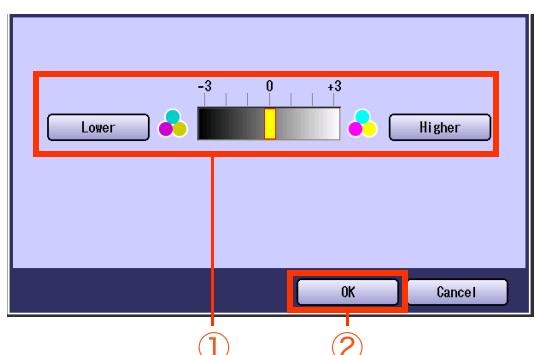


1 Select “Saturation”.



- To display this screen, refer to step 1 of **Background Removal** (see page 27).

2 Adjust the saturation with “Lower” or “Higher”, and then select “OK”.



Lower	Each time it is selected, the saturation level decreases by 1 grade lower, reducing the color saturation.
Higher	Each time it is selected, the saturation level increases by 1 grade higher, increasing the color saturation.

- The screen will return to step 1. Select “OK”, and then proceed to steps 6 to 8 of **Quality Adjusting** (see page 26).

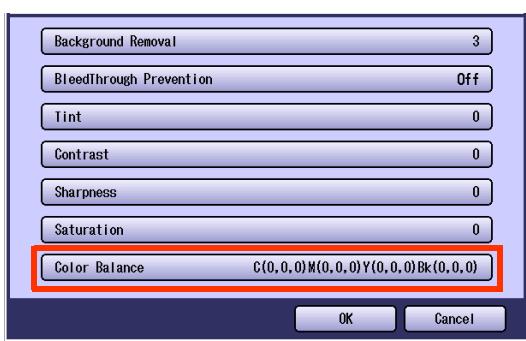
Color Balance

The original can be copied with the adjusted density level (Darker, Medium, and Lighter) of Yellow, Magenta, Cyan, and Black.

NOTE

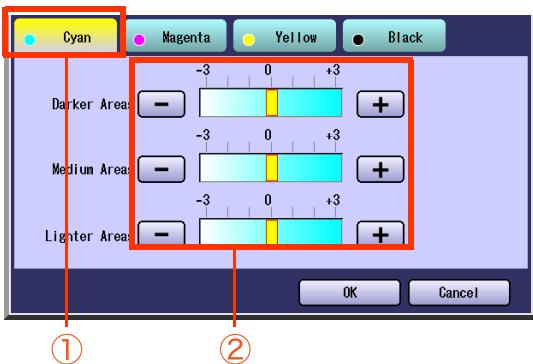
- The density of each color can be fine tuned for each of the three density levels. This function is useful for the fine adjustment of color photos. Unlike image editing software, this function cannot greatly change the color tone since the adjustable range at each density level is very narrow.

1 Select “Color Balance”.



- To display this screen, refer to step 1 of **Background Removal** (see page 27).

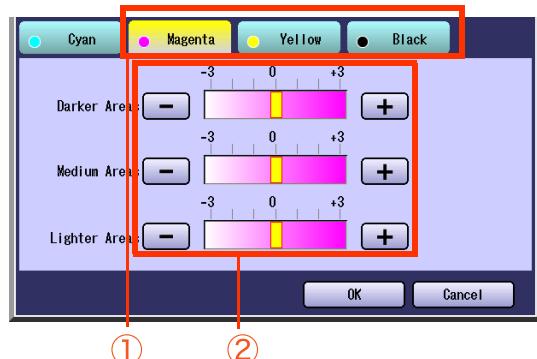
2 Select “Cyan”, and then adjust Darker Areas, Medium Areas, and Lighter Areas with “-” and “+”.



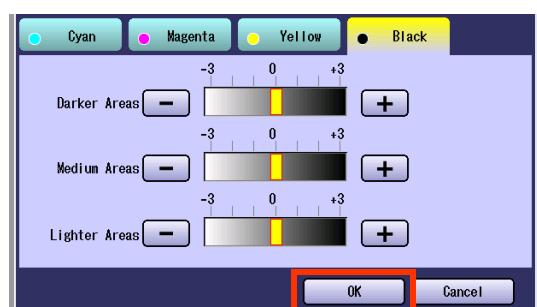
- The density range from the darkest level (100%) to the lightest level (0%) is equally divided into three range areas.

Darker Areas	Darkest area
Medium Areas	Area between the darkest and lightest areas
Lighter Areas	Lightest area

3 Select remaining colors, and then adjust the Color Balance as shown in step 2.



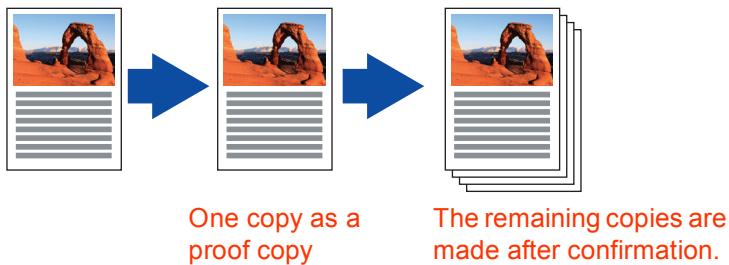
4 Select “OK”.



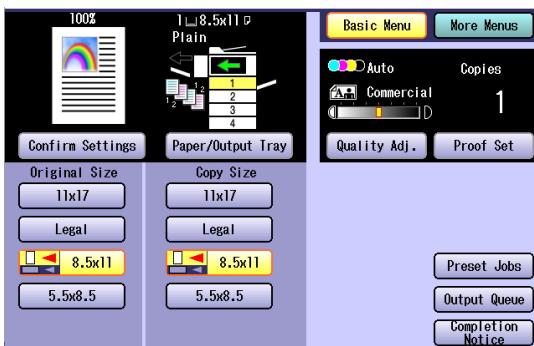
- The screen will return to step 1. Select “OK”, and then proceed to steps 6 to 8 of **Quality Adjusting** (see page 26).

Proof Copying

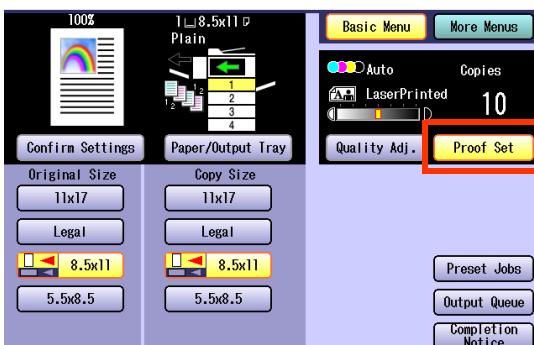
When making more than one copy, the first copy can be printed as a proof copy. After confirming its quality, the remaining copies can be printed.



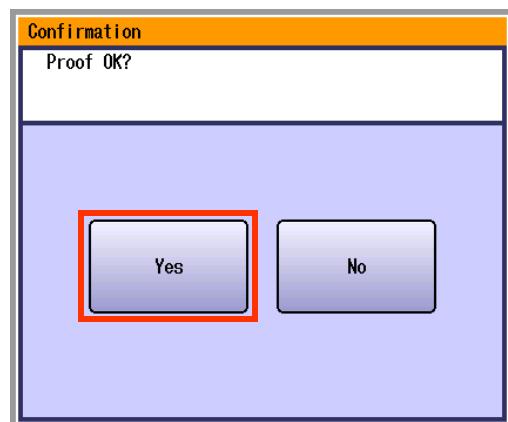
- 1** Place original(s).
 - Refer to **Placing Originals** (see page 6).
- 2** Press the **Copy** key if the machine is set to other function mode.
- 3** Select the copy features if necessary.



- 4** Enter the desired number of copies.
- 5** Select “Proof Set”.



- 6** Press the **Start** key.
- The first copy is printed and the Confirmation screen appears.
- 7** If the copy quality is satisfactory, select “Yes”.



The remaining copies are printed.

- If the copy quality is not satisfactory
 - ① Select “No” to return to the Basic Menu screen.
 - ② Place the original again.
 - ③ Adjust the quality settings.
 - ④ Press the **Start** key.
 - ⑤ Select “Yes”.
- The remaining copies are printed.

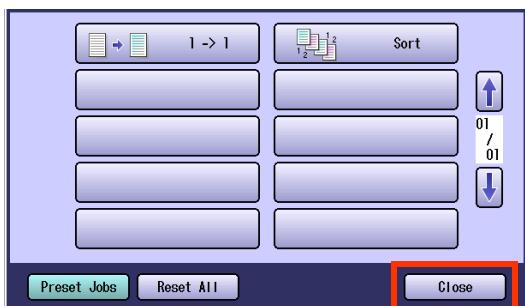
Confirming/Editing the Selected Copy Features

Before copying, the settings of “**More Menus**” can be checked, changed, and deleted.

1 Select “Confirm Settings”.



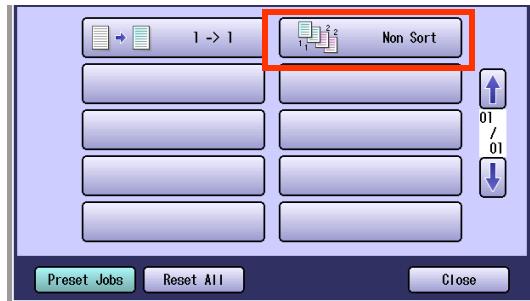
2 Check the settings, and then select “Close”.



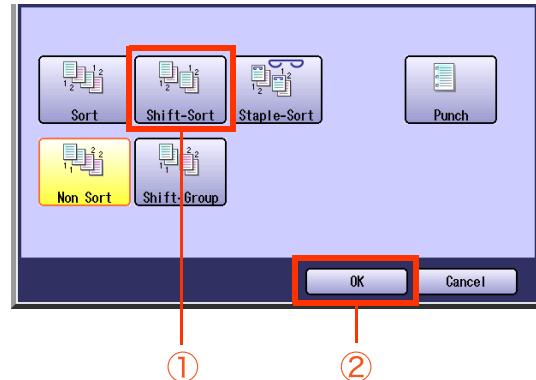
- If “**Confirm Settings**” is selected, the setting screen is displayed and the settings (except 1 → 1) can be changed.
- If “**Reset All**” is selected, all the settings are canceled.
- If “**Preset Jobs**” is selected, the job registration screen is displayed to register jobs. Refer to **Storing a Job in Memory** (see page 36).

Ex: Changing the Non Sort mode to the Shift-Sort mode when optional Finisher and Punch Unit are installed

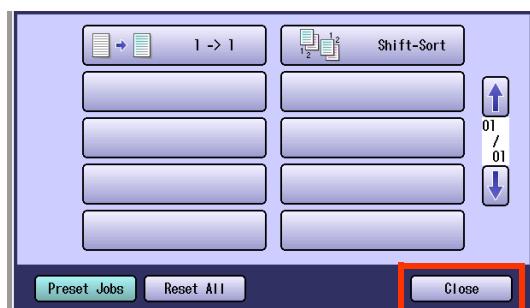
Select “Non Sort”.



Select “Shift-Sort”, and then select “OK”.



Select “Close”.



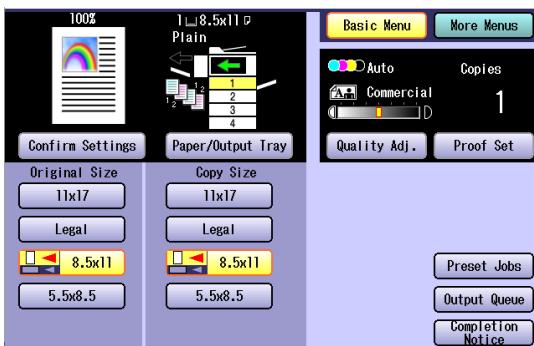
Storing a Job in Memory

A copy job can be registered as a preset job. It is useful to register the frequently used settings as Preset Jobs.

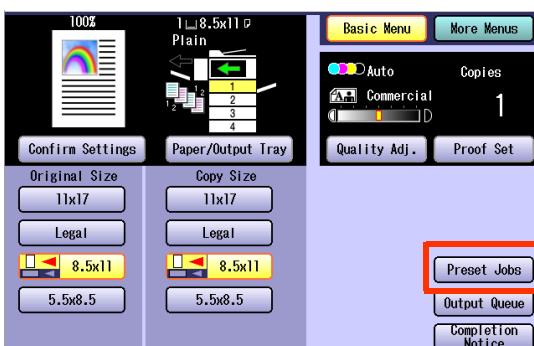
NOTE

- Refer to **Recalling a Preset Job Stored in Memory** (see page 37).
- Once registered, the copy job settings are kept in the job memory until they are overwritten by new settings.
- A Proof Copy job cannot be registered in the job memory.
- “M1:”/“M2:” cannot be registered when the Manual Skyshot mode is selected. Refer to **Copier Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

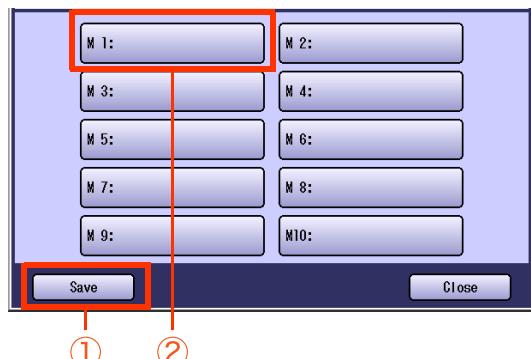
- 1 Place original(s).
 - Refer to **Placing Originals** (see page 6).
- 2 Press the **Copy** key if the machine is set to other function mode.
- 3 Select the copy features (see pages 10 to 35 and 42 to 105).



- 4 Enter the desired number of copies.
- 5 Select “Preset Jobs”.



- 6 Select “Save”, and then select a job button without a job registered.



- The job button, in which a job has been registered, has a job name.
- 7 Enter a job name, and then select “OK”.



- Up to 20 characters can be entered.
- For instructions on how to enter characters, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

NOTE

- After completing the editing of the job name, press the **Reset** key to return to the initial screen of the currently active mode.

Recalling a Preset Job Stored in Memory

The specific copy job will be done by recalling the registered preset jobs.

NOTE

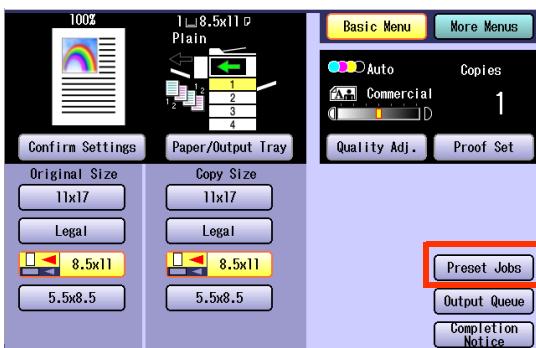
- Refer to **Storing a Job in Memory** (see page 36).

1 Place original(s).

- Refer to **Placing Originals** (see page 6).

2 Press the **Copy** key if the machine is set to other function mode.

3 Select “**Preset Jobs**”.

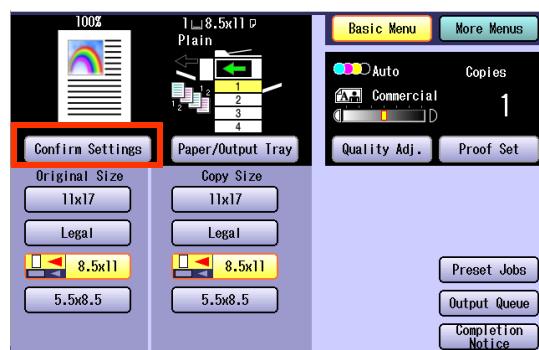


4 Select a stored job.



- Job buttons without names, indicate that jobs are not registered.
- If the Confirmation screen “Ready for M 1 Memory Copy” is displayed, select “**Close**”.

5 To confirm the job settings, select “**Confirm Settings**”, and then select “**Close**”.



- To change the setting, refer to **Confirming/Editing the Selected Copy Features** (see page 35).

6 Press the **Start** key.

Checking the Waiting to Copy Job

A list of jobs currently being printed or waiting to print can be displayed. The following types of jobs can be displayed.

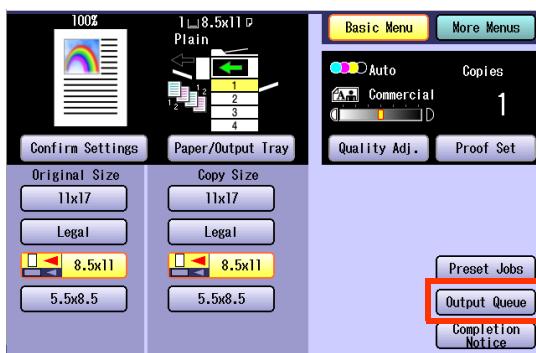
- All jobs
- Copy jobs

Waiting to print jobs can be deleted.

Displaying a List of All Jobs

A list of all the jobs currently being printed or waiting to print can be displayed.

- 1 Press the **Copy** key if the machine is set to other function mode.
- 2 Select “Output Queue”.



The Output Queue screen is displayed, and a list of all the jobs currently being printed or waiting to print are displayed.

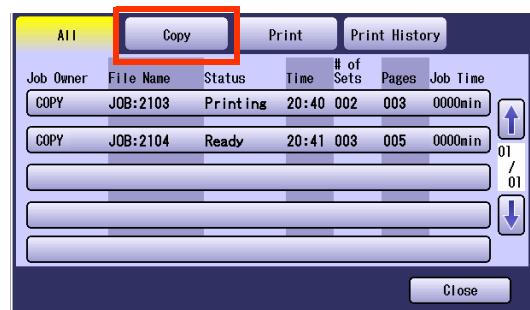
- 3 Select “Close”.



Displaying a List of Copy Jobs

A list of Copy jobs currently being printed or waiting to print can be displayed.

- 1 Select “Copy” in the Output Queue screen.



- A list of Copy jobs currently being printed or waiting to print is displayed.

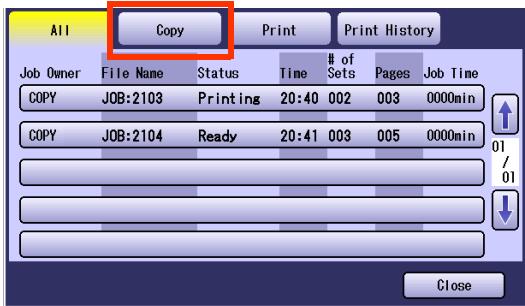
- 2 Select “Close”.



Deleting Copy Jobs

The jobs in the Ready status can be deleted.

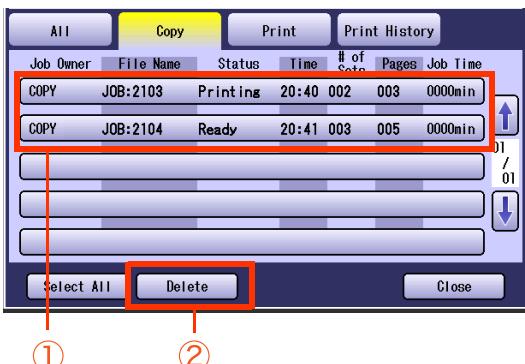
- Select “Copy” in the Output Queue screen.



Copy	Select when deleting a copy job.
Print	Select when deleting a print job. ● Refer to the Operating Instructions (For Printer) of provided CD-ROM.

- To display the Output Queue screen, refer to **Checking the Waiting to Copy Job** (see page 38).

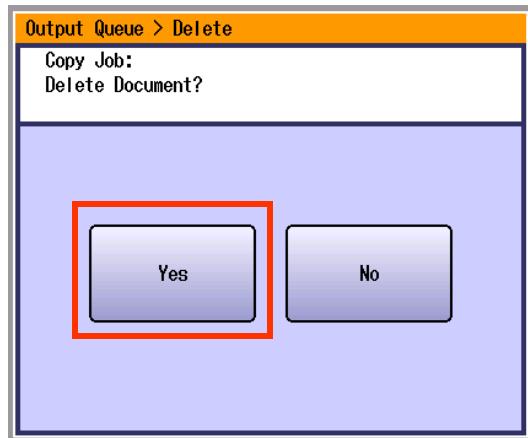
- Select a job, and then select “Delete”.



- When deleting all jobs, select “Select All”, and then select “Delete”.

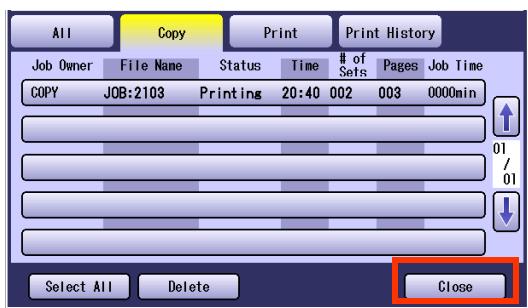
The screen to confirm the job deletion is displayed.

- Select “Yes”.



The selected Copy job is deleted.

- Select “Close”.



Completion Notice

If the Completion Notice is set, you will be notified on your computer when copying is completed.

NOTE

- Before using this function, install the **Panasonic Document Management System** and **Printer Driver**, and then configure each software.
- To register the IP Address of your computer, refer to **Network Scanner Settings** and **Completion Notice Function** in the Operating Instructions (For User Setup) of provided CD-ROM.

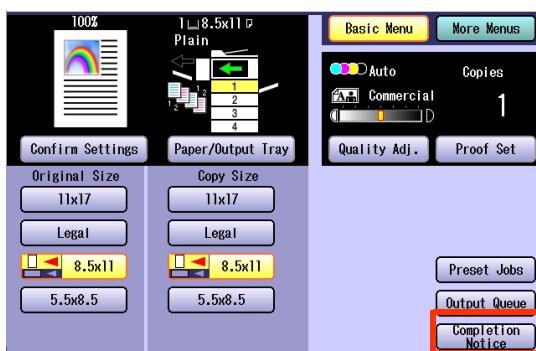
1 Place original(s).

- Refer to **Placing Originals** (see page 6).

2 Press the **Copy** key if the machine is set to other function mode.

3 Select the copy features if necessary.

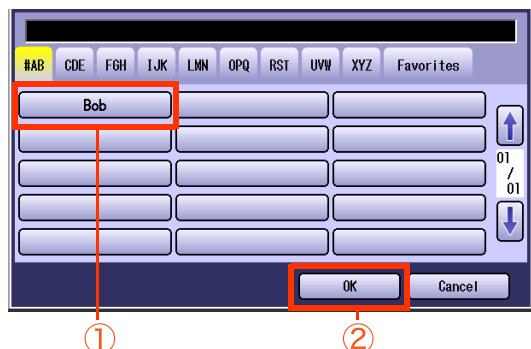
4 Select “Completion Notice”.



5 Select an index tab or “Favorites” to display the registered computers.



6 Select a designated computer, and then select “OK”.



7 Enter the desired number of copies.

8 Press the **Start** key.

- When copying from the Platen Glass, place the next original, and follow the instructions described on the Touch Panel Display.
- A completion notice will be sent to the specified computer when copying is completed.

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Memo

2-Sided Copy Mode

NOTE

- The standard setting of “2-Sided / Original->Copy” can be changed. Refer to **Copier Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- Special papers such as cardboard cannot be used for the 2-Sided copy.

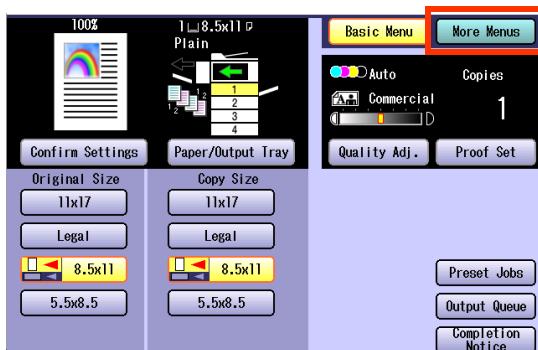
Basic Operation for the 2-Sided Copy Mode

1 Place original(s).

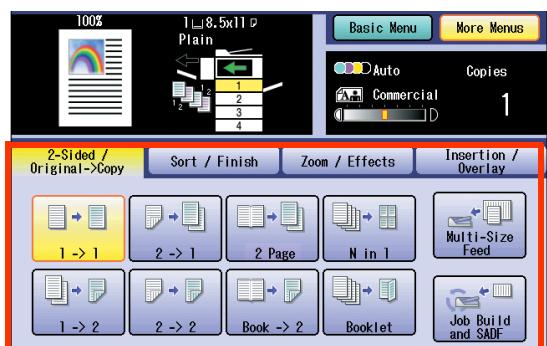
- Refer to **Placing Originals** (see page 6).
- For “2 → 1”, “2 → 2”, “Booklet”, “Multi-Size Feed”, and “Job Build and SADF”, place originals on the ADF.

2 Press the **Copy** key if the machine is set to other function mode.

3 Select “More Menus”.



4 Select the desired 2-Sided mode.



1 → 1 : Clears the 2-Sided copy mode.

1 → 2 : (see page 43)

2 → 1 : (see page 44)

2 → 2 : (see page 45)

2 Page : (see page 46)

Book -> 2 : (see page 47)

N in 1 : (see page 49)

Booklet : (see page 52)

Multi-Size Feed: (see page 55)

Job Build and SADF: (see pages 58 to 59)

- When “Multi-Size Feed” is selected, “2 Page”, “Book -> 2”, “N in 1” and “Booklet” cannot be selected.

5 Enter the desired number of copies.

6 Press the **Start** key.

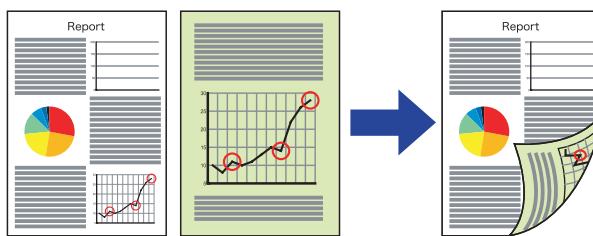
- When copying from the Platen Glass, place the next original, and follow the instructions described on the Touch Panel Display.

NOTE

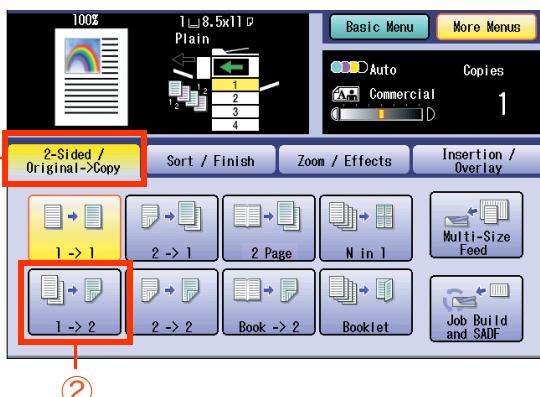
- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Copying 1-Sided Originals onto 2-Sided Sheets

Two 1-sided originals can be copied onto one 2-sided sheet. The 1st original's image is copied onto the front side and the 2nd original's image is copied onto the back side of the sheet.

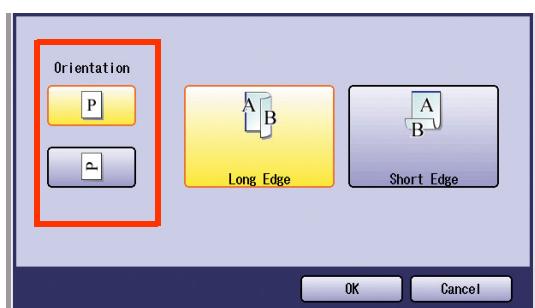


- 1** Select “2-Sided / Original->Copy”, and then select “1 → 2”.



- To display this screen, refer to steps 1 to 3 of **Basic Operation for the 2-Sided Copy Mode** (see page 42).

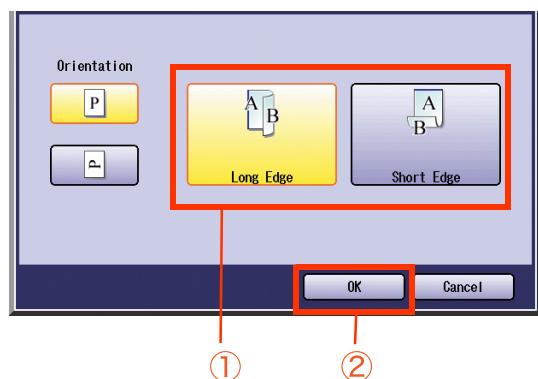
- 2** Select the Orientation of the original.



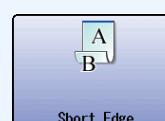
Select for the original in portrait orientation.

	Select for the original in portrait orientation.
	Select for the original in landscape orientation.

- 3** Select the bind position, and then select “OK”.



Long Edge:
Copies both sides of original aligning to the long edge of the original.



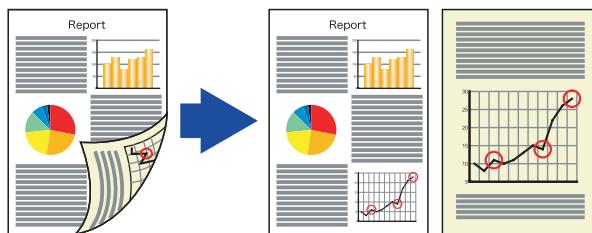
Short Edge:
Copies both sides of original aligning to the short edge of the original.

- When setting “Edge” or “Margin” in the 2-Sided copy mode, the printing position may differ on each side of the paper. Refer to **Effect Modes** (see page 68).

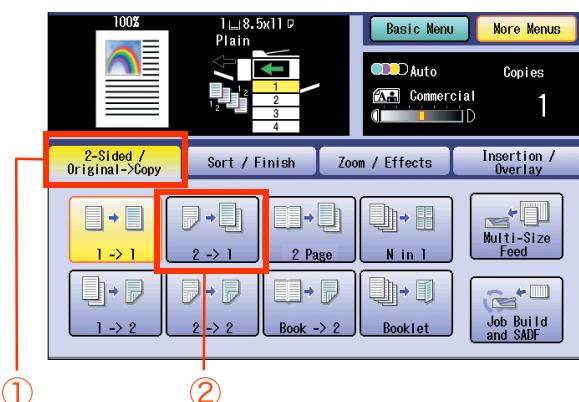
- For the following procedure, refer to steps 5 to 6 of **Basic Operation for the 2-Sided Copy Mode** (see page 42).

Copying 2-Sided Original(s) onto Two Separate Sheets

2-sided original(s) can be copied as separated into two 1-sided pages.

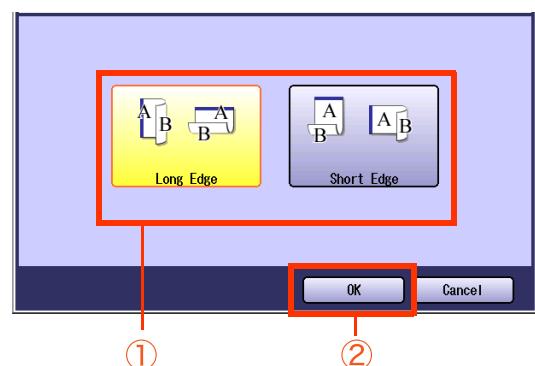


- 1** Select “2-Sided / Original->Copy”, and then select “2 -> 1”.



- To display this screen, refer to steps 1 to 3 of **Basic Operation for the 2-Sided Copy Mode** (see page 42).

- 2** Select the bind position, and then select “OK”.



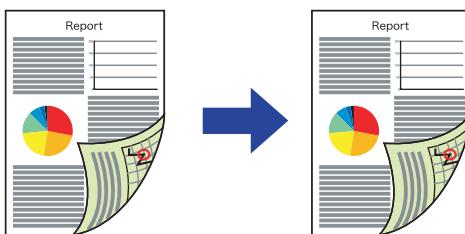
Long Edge:
Copies both sides of original aligning to the long edge of the original.

Short Edge:
Copies both sides of original aligning to the short edge of the original.

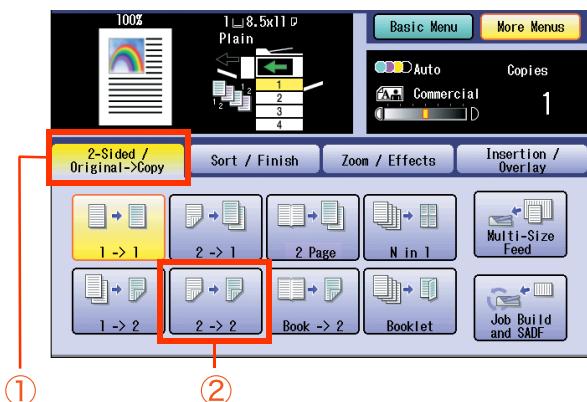
- For the following procedure, refer to steps 5 to 6 of **Basic Operation for the 2-Sided Copy Mode** (see page 42).

Copying 2-Sided Original onto 2-Sided Sheet

2-sided original can be copied onto 2-sided sheet (same as the original).

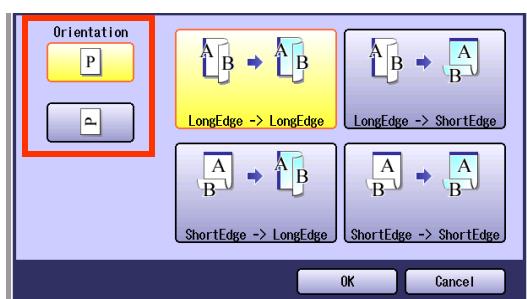


- 1** Select “2-Sided / Original->Copy”, and then select “2 -> 2”.



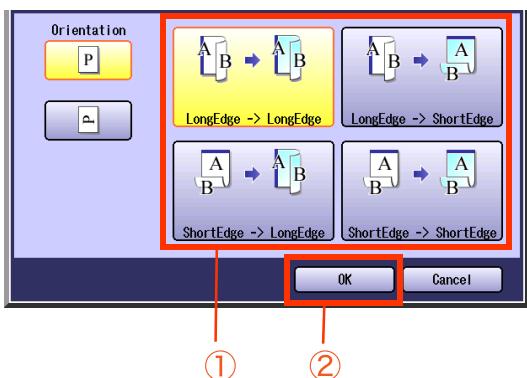
- To display this screen, refer to steps 1 to 3 of **Basic Operation for the 2-Sided Copy Mode** (see page 42).

- 2** Select the Orientation of the original.



 P	Select for the original in portrait orientation.
 L	Select for the original in landscape orientation.

- 3** Select the bind position, and then select “OK”.



 LongEdge -> LongEdge	Long Edge -> Long Edge: Copies both sides of original aligning to the long edge of the original.
 LongEdge -> ShortEdge	Long Edge -> Short Edge: Copies both sides of long-edge aligned original, aligning to the short edge of the original.
 ShortEdge -> LongEdge	Short Edge -> Long Edge: Copies both sides of short-edge aligned original, aligning to the long edge of the original.
 ShortEdge -> ShortEdge	Short Edge -> Short Edge: Copies both sides of original aligning to the short edge of the original.

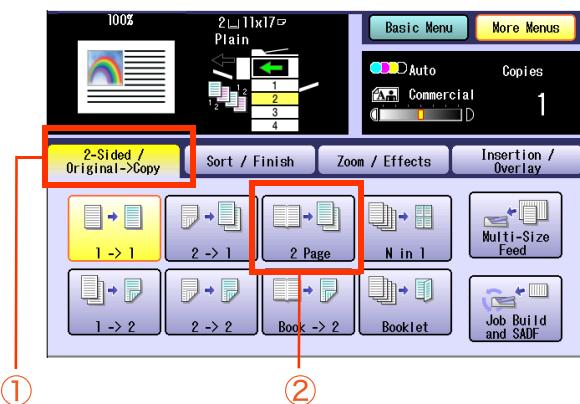
- When setting “Edge” or “Margin” in the 2-Sided copy mode, the printing position may differ on each side of the paper. Refer to **Effect Modes** (see page 68).
- For the following procedure, refer to steps 5 to 6 of **Basic Operation for the 2-Sided Copy Mode** (see page 42).

Copying Facing Page Original onto Two Separate Sheets

Facing pages or a 11" x 17" size original can be copied as separated into two 1-sided sheets.

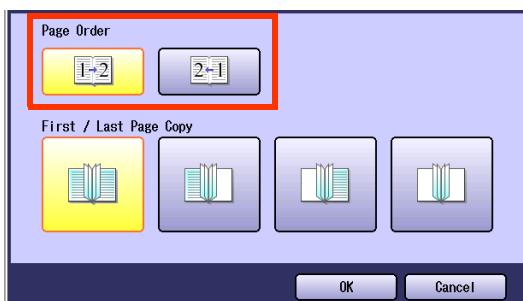


- 1** Select “2-Sided / Original->Copy”, and then select “2 Page”.



- To display this screen, refer to steps 1 to 3 of **Basic Operation for the 2-Sided Copy Mode** (see page 42).
- When “Multi-Size Feed” is selected, “2 Page” cannot be selected.

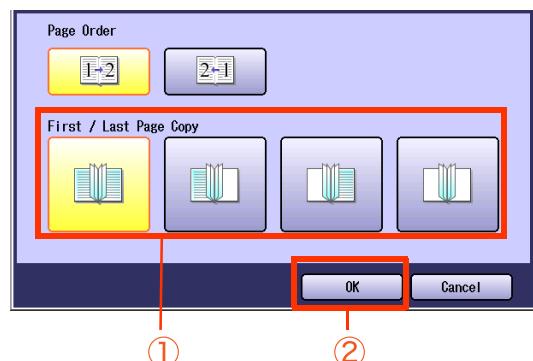
- 2** Select the Page Order of the original.



	The left page of the facing pages is copied first.
--	--

	The right page of the facing pages is copied first.
--	---

- 3** Select the copy layout, and then select “OK”.

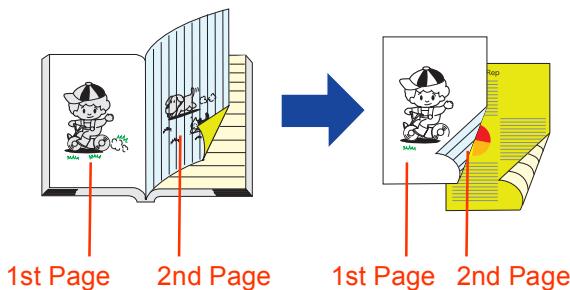


	The first through last page are copied.
	The first page and beyond are copied, but the last page is not copied.
	The first page is not copied, but the rest including the last page is copied.
	The first and the last page are not copied.

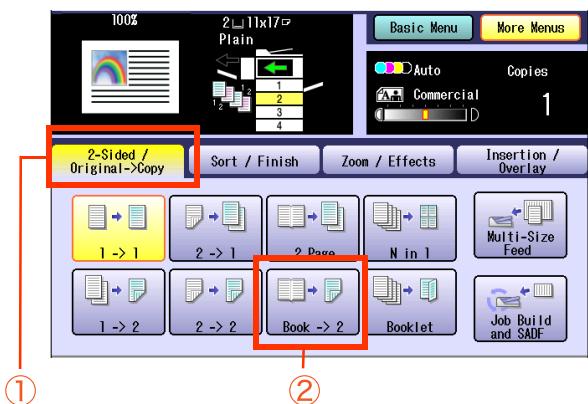
- For the following procedure, refer to steps 5 to 6 of **Basic Operation for the 2-Sided Copy Mode** (see page 42).

Copying Facing Page Original onto a 2-Sided Sheet

Facing pages or an 11" x 17" size original can be copied as separated into one 2-sided sheet.

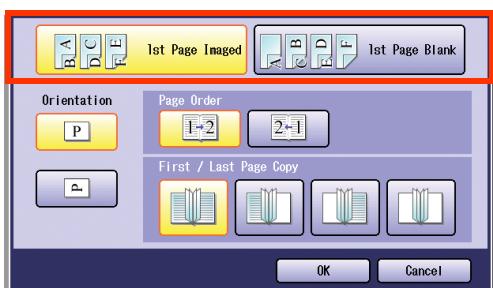


- 1** Select “2-Sided / Original->Copy”, and then select “Book -> 2”.



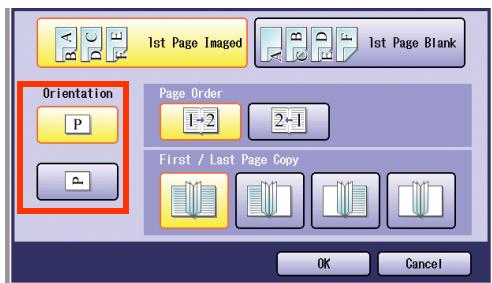
- To display this screen, refer to steps 1 to 3 of **Basic Operation for the 2-Sided Copy Mode** (see page 42).
- When “Multi-Size Feed” is selected, “Book -> 2” cannot be selected.

- 2** Select the Book Format.



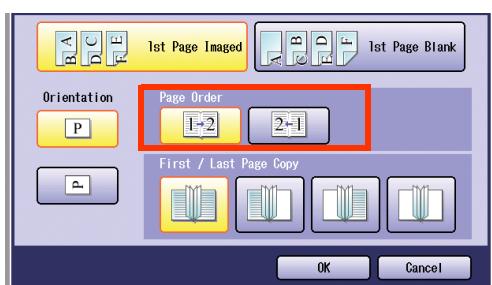
	The first page of the original is copied onto the front page of a sheet, and the second page is copied onto the back side of the same sheet.
	A blank page is copied onto the front page of a sheet, and the first page of the original is copied onto the back side of the same sheet.

- 3** Select the Orientation of the original.



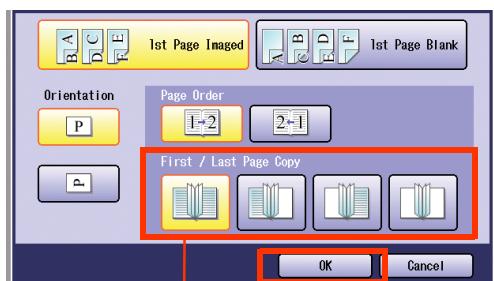
	Select for the original in landscape orientation.
	Select for the original in portrait orientation.

- 4** Select the Page Order of the original.



	The left page of the facing pages is copied first.
	The right page of the facing pages is copied first.

- 5 Select the Copy Format, and then select “OK”.



The first through last page are copied.

The first page and beyond are copied, but the last page is not copied.

The first page is not copied, but the rest including the last page is copied.

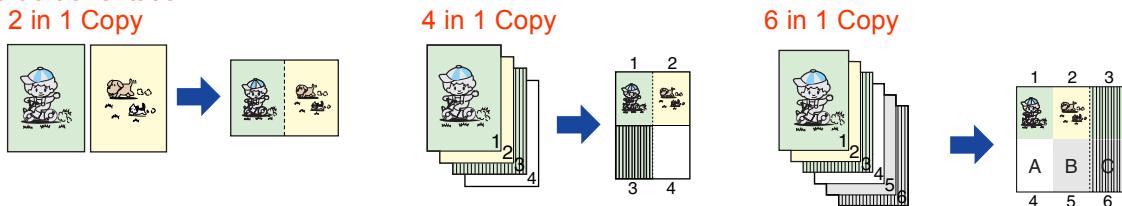
The first and last page are not copied.

- For the following procedure, refer to steps 5 to 6 of **Basic Operation for the 2-Sided Copy Mode** (see page 42).

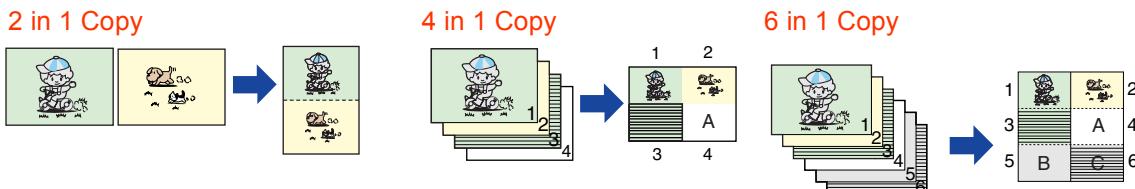
Copying Multiple Pages onto a Single Sheet (N in 1 Copy)

Multiple pages (2, 4 or 6 sheets) can be copied onto a single sheet. The images of originals are reduced to fit into the size of the copy paper.

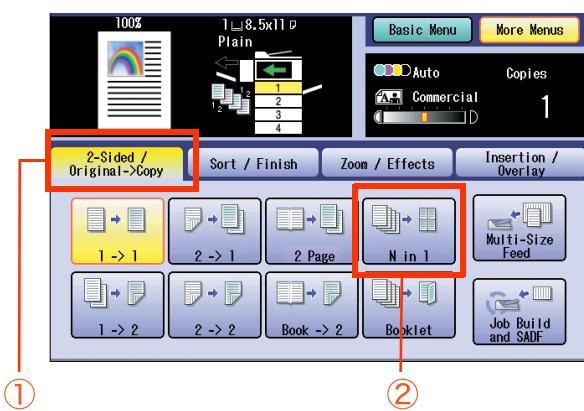
<For Portrait orientation>



<For Landscape orientation>



- 1** Select “2-Sided / Original->Copy”, and then select “N in 1”.



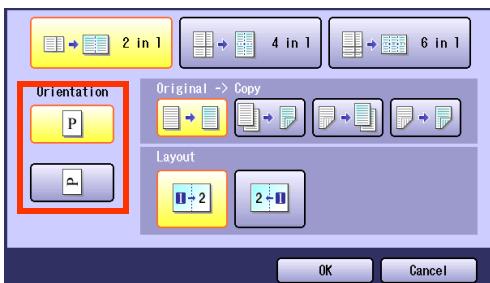
- To display this screen, refer to steps 1 to 3 of **Basic Operation for the 2-Sided Copy Mode** (see page 42).
- When “Multi-Size Feed” is selected, “N in 1” cannot be selected.

- 2** Select the N in 1 mode.



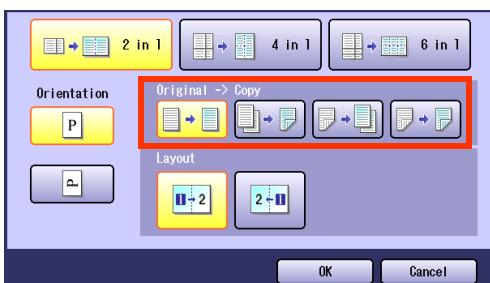
	2 in 1: Copies 2 originals onto 1 sheet.
	4 in 1: Copies 4 originals onto 1 sheet.
	6 in 1: Copies 6 originals onto 1 sheet.

3 Select the Orientation of the original.



	Select for the original in portrait orientation.
	Select for the original in landscape orientation.

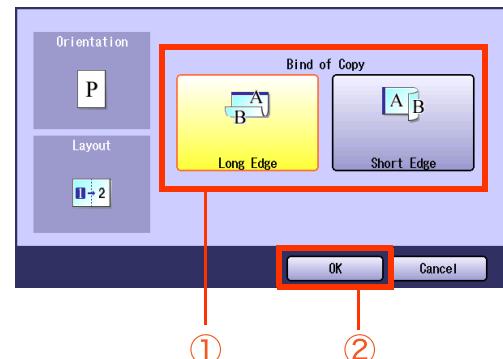
4 Select the desired copy mode.



	1 -> 1: 1-Sided Original to 1-Sided Copy
	1 -> 2: 1-Sided Original to 2-Sided Copy
	2 -> 1: 2-Sided Original to 1-Sided Copy
	2 -> 2: 2-Sided Original to 2-Sided Copy

- When 1 -> 2, 2 -> 1 or 2 -> 2 is selected
Select the bind position of the original, and then select "OK".

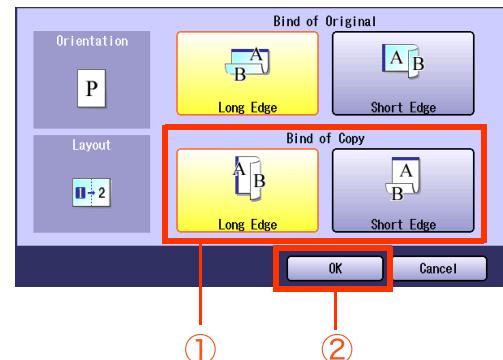
Ex: When 1 -> 2 is selected for "2 in 1"



	Long Edge: Copies both sides of original aligning to the long edge of the original.
	Short Edge: Copies both sides of original aligning to the short edge of the original.

When 2 -> 2 is selected, select the bind position for the copy, and then select "OK".

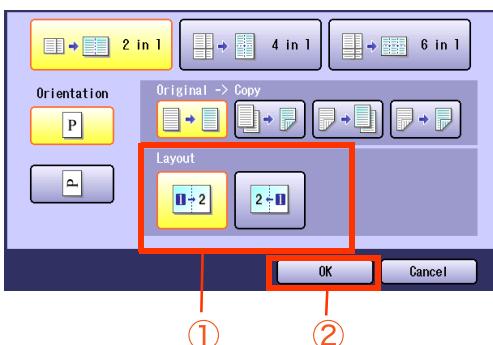
Ex: When 2 -> 2 is selected for "2 in 1"



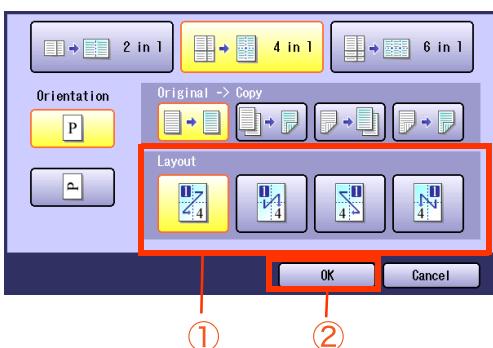
- When "2 in 1" or "6 in 1" is selected, the orientation of original and copy will be different.

5 Select the Layout format, and then select “OK”.

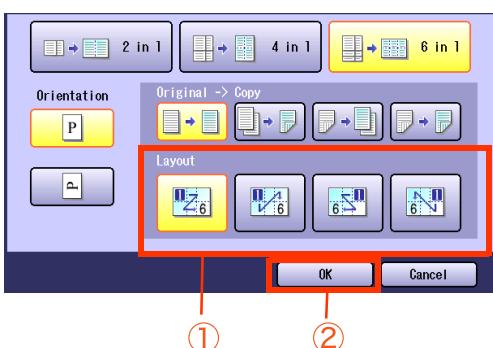
- When 2 in 1 is selected



- When 4 in 1 is selected

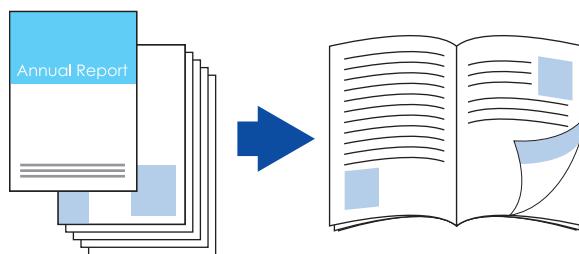


- When 6 in 1 is selected



- For the following procedure, refer to steps 5 to 6 of **Basic Operation for the 2-Sided Copy Mode** (see page 42).

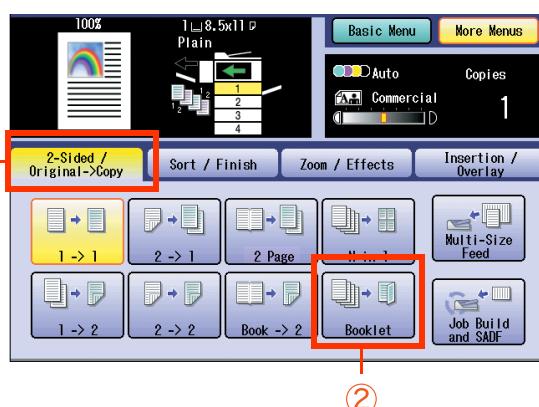
Copying Originals with Saddle-Stitch Binding (Booklet)



NOTE

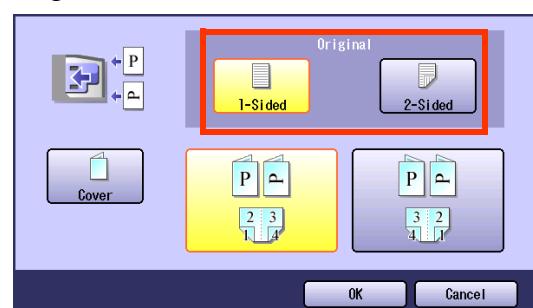
- Originals should be placed on the ADF. (5.5" x 8.5" or 8.5" x 11" size is only available, up to 60 originals)
- Saddle-stitch binding is possible only when the optional 1Bin Saddle-Stitch Finisher (DA-FS405W) is installed. Ledger (11" x 17"), Legal (8.5" x 14"), and Letter-R (8.5" x 11") are the only applicable paper sizes (legal size can be selected only when printing from computer).
- The standard setting for the copy size is the reduced size, however, the setting can be changed to the original size. Refer to **Copier Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- When the fold position does not match with the center position of the copies, set the binding margin. Refer to **General Settings (Key Operator Mode)** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- Stamping can be combined with the Booklet function. For copying with stamp, refer to **Copying with Stamping** (see pages 74 to 82).

- 1** Select “2-Sided / Original->Copy”, and then select “Booklet”.



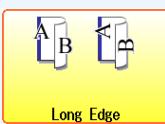
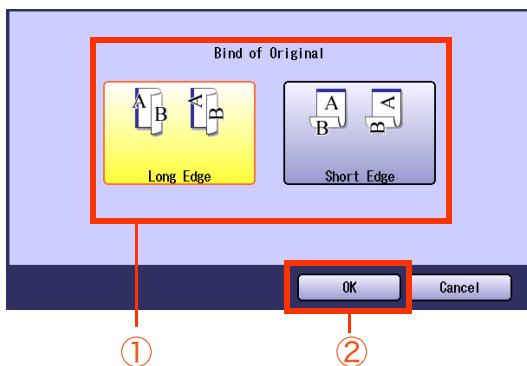
- To display this screen, refer to steps 1 to 3 of **Basic Operation for the 2-Sided Copy Mode** (see page 42).
- When “**Multi-Size Feed**” is selected, “**Booklet**” cannot be selected.

- 2** Select “1 Sided” or “2 Sided” for the original.



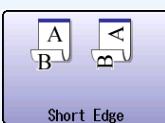
□ When “2 Sided” is selected

Select the bind position of the original, and then select “OK”.



Long Edge:

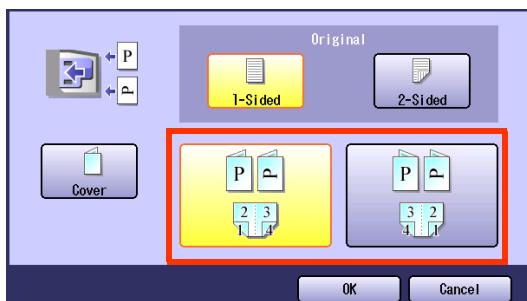
Copies both sides of original aligning to the long edge of the original.



Short Edge:

Copies both sides of original aligning to the short edge of the original.

3 Select the bind position for the copy.



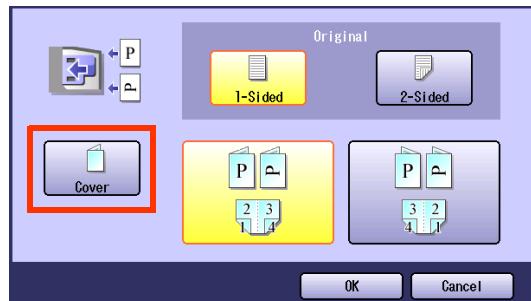
Select when binding the left side or the top side of the page.



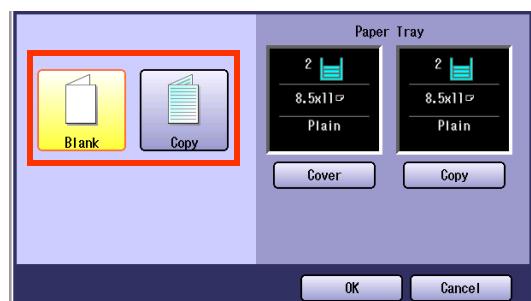
Select when binding the right side or the bottom side of the page.

4 Select the cover page type if necessary.

Select “Cover”.



Select the cover type.



Blank

Not copied on the cover.

Copy

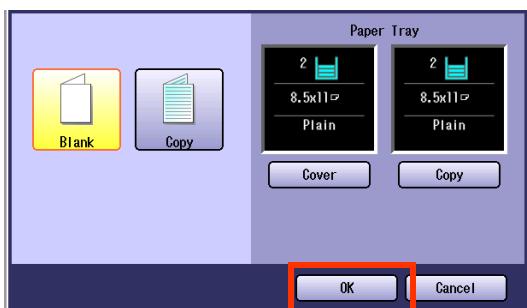
Copied on the cover.

- When “Blank” is selected for the cover type, up to 56 originals can be placed on the ADF.
- Select “Cover” to select a paper.

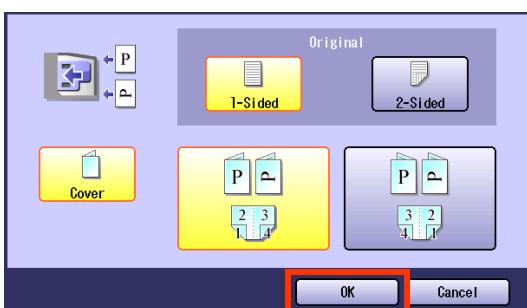


- When changing paper for copies other than the cover, select “Copy”. If the paper of desired size is available on the tray, the display changes.
- Select a paper size from the display.

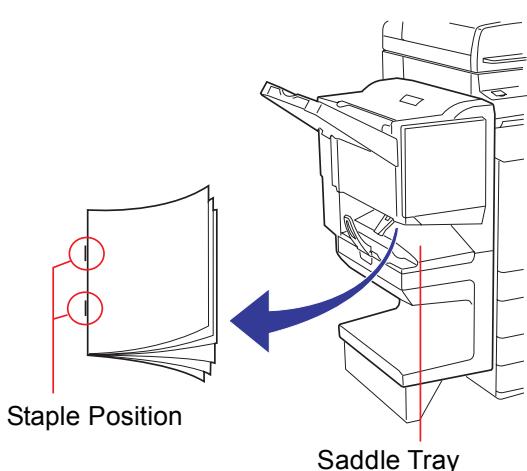
5 Select “OK” to exit the cover settings.



6 Select “OK”.

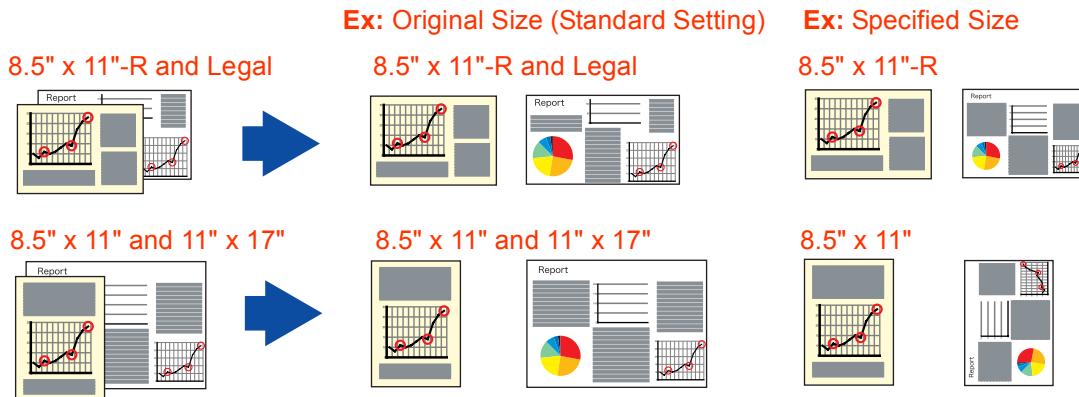


- For the following procedure, refer to steps 5 to 6 of **Basic Operation for the 2-Sided Copy Mode** (see page 42).
- When the fold position does not match with the center position of the copies, set the binding margin. Refer to **General Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- The stapled copies are delivered to the Saddle Tray of the 1Bin Saddle-Stitch Finisher as shown below.



Copying Mixed Size Originals from the ADF

Use this function when copying mixed size originals (8.5" x 11" and 11" x 17", or 5.5" x 8.5", 8.5" x 11"-R, and 8.5" x 14" (Legal)). Using the ADF, original size can be detected automatically and copied in the same size or the specified size.



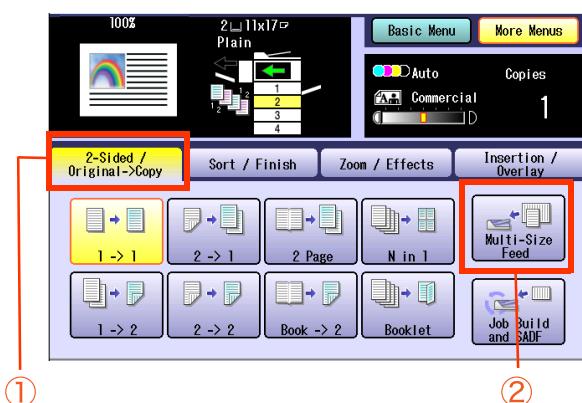
NOTE

- When copying in the 2-Sided mode

Combination	Original Size 1	Original Size 2
Combination 1	8.5" x 11"-R (Letter-R)	8.5" x 14" (Legal)
Combination 2	11" x 17" (Ledger)	8.5" x 11" (Letter)

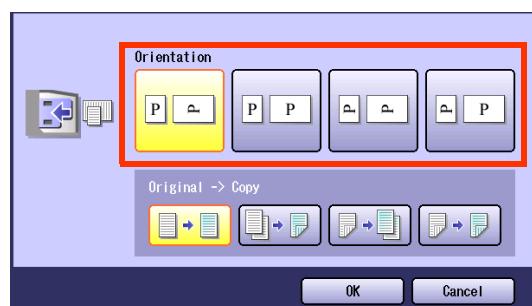
- If no copy size is specified, the original is copied in the original size. If the copy size is specified, the original is copied automatically enlarged or reduced in accordance with the specified size.
- Only when specifying the same copy size (8.5" x 11" only), the copies can be rotated and printed as a booklet or a unit of specified number of pages by setting "Rotate-Sort" or "Rotate-Group".

- 1** Select “2-Sided / Original->Copy”, and then select “Multi-Size Feed”.



- To display this screen, refer to steps 1 to 3 of **Basic Operation for the 2-Sided Copy Mode** (see page 42).

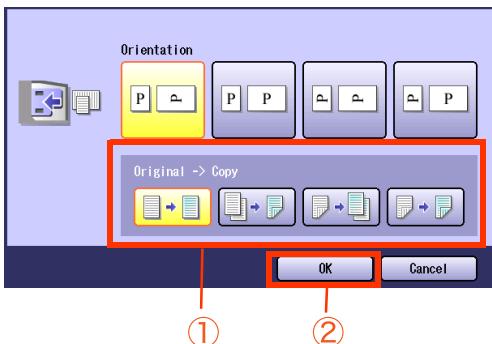
- 2** Select the Orientation of the original.



Chapter 2 More Menus Features

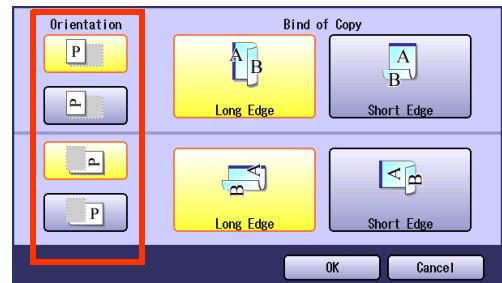
	When all originals are vertically long Ex: 
	When the smaller original is vertically long, and the larger original is horizontally long Ex: 
	When the smaller original is horizontally long, and the larger original is vertically long Ex: 
	When all originals are horizontally long Ex: 

3 Select the desired copy mode, and then select “OK”.



	1 -> 1: 1-Sided Original to 1-Sided Copy
	1 -> 2: 1-Sided Original to 2-Sided Copy
	2 -> 1: 2-Sided Original to 1-Sided Copy
	2 -> 2: 2-Sided Original to 2-Sided Copy

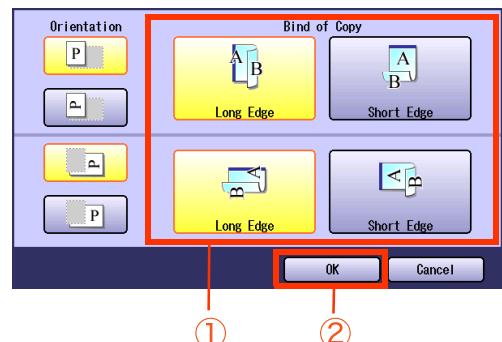
- When 1 -> 2, 2 -> 1 or 2 -> 2 is selected
Select the Orientation of the original.



	The smaller original is aligned to the long edge.
	The smaller original is aligned to the short edge.
	The larger original is aligned to the long edge.
	The larger original is aligned to the short edge.

Select the bind position of the original, and then select “OK”.

Ex: When 1 -> 2 is selected

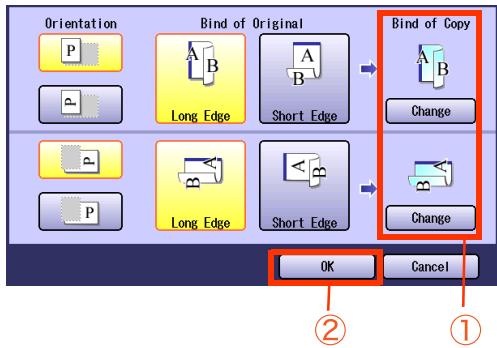


	Long Edge: Copies both sides of the smaller original aligning to the long edge of the original.
	Short Edge: Copies both sides of the smaller original aligning to the short edge of the original.
	Long Edge: Copies both sides of the larger original aligning to the long edge of the original.

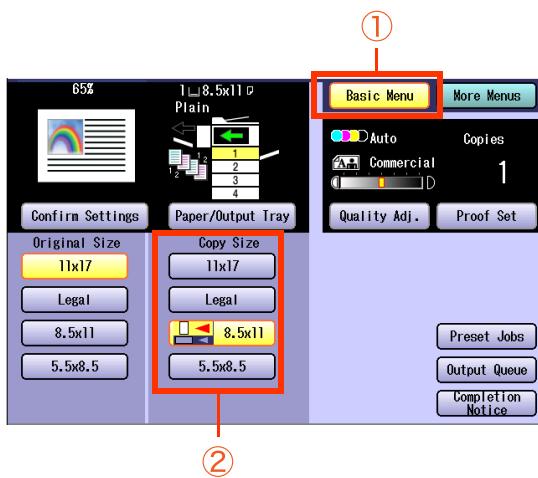

Short Edge:

Copies both sides of the larger original aligning to the short edge of the original.

When 2 ->2 is selected, select “**Change**” and select the bind position for the copy, and then select “**OK**”.

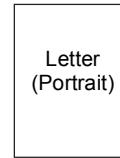


- 4** When copying the same paper size, select “**Basic Menu**”, and then select a desired copy size with the Copy Size buttons.



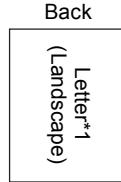
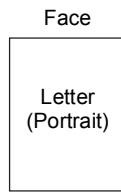
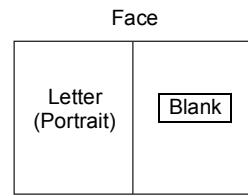
- For the following procedure, refer to steps 5 to 6 of **Basic Operation for the 2-Sided Copy Mode** (see page 42).

Ex: Combination of Letter (Portrait layout) and Ledger (Landscape layout) size original
Copy images (1 -> 2 copy mode)
Bind position is Short Edge.



Copy size is not set.

Copy size is set to Letter.



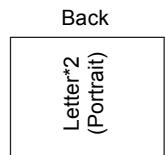
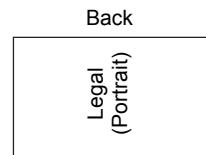
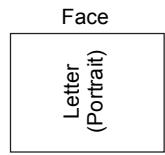
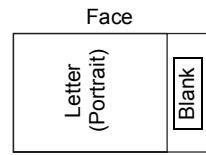
*1 Ledger size will be reduced to Letter size.

Ex: Combination of Letter (Portrait layout) and Legal (Portrait layout) size original
Copy images (1 -> 2 copy mode)
Bind position is Short Edge.



Copy size is not set.

Copy size is set to Letter.



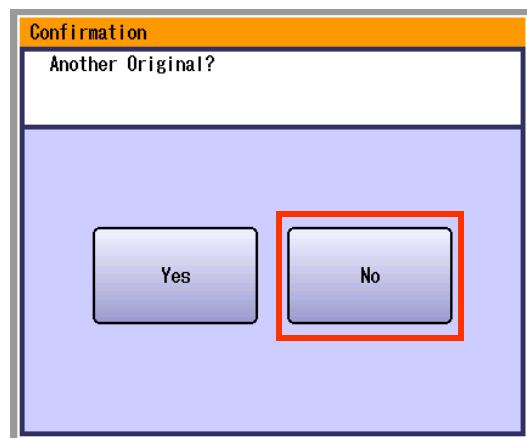
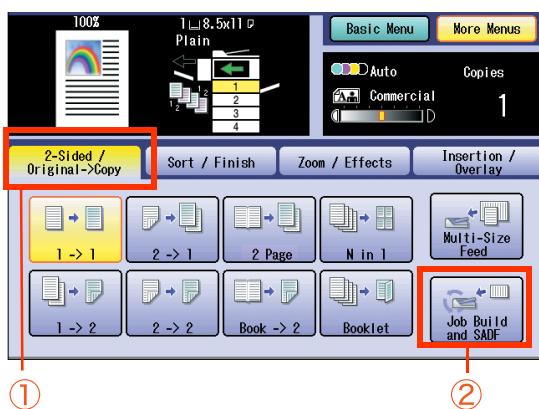
*2 Legal size will be reduced to Letter size.

Copying Special Originals (Thin Paper, etc.) from the ADF

SADF

This mode adds a 5-second delay to allow another original to be placed on the ADF. Special originals (thin paper, etc.) can be fed from the ADF and copied continuously using the SADF mode.

- 1 Place one original (minimum 50 g/m² / 14 lb) on the ADF.
- 2 Press the **Copy** key if the machine is set to other function mode.
- 3 Select “More Menus”.
- 4 Select “2-Sided / Original->Copy”, and then select “Job Build and SADF”.
- 5 Enter the desired number of copies.
- 6 Press the **Start** key.
- 7 Place the next original within 5 seconds of last ejected original(s).
- 8 After the last page is scanned, select “No” in the Confirmation screen.

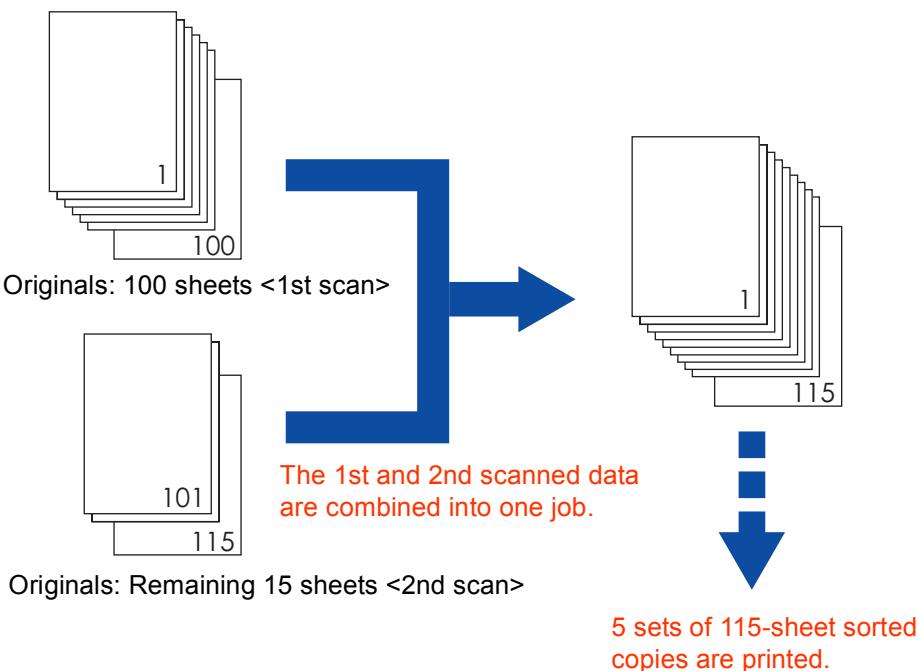


■ Job Build

This is useful for copying multiple sets of originals that exceed the maximum capacity of the ADF of 100 sheets (20 lb/Letter). (See the example below.)

Ex: To make 5 sets of sorted copies of 115-sheet of originals.

- (a) Place the first 100 sheets of originals on the ADF.
- (b) Select “**2-Sided / Original->Copy**”, and then select “**Job Build and SADF**”.
- (c) Select “**Sort / Finish**”, and then select the desired Sorting/Finishing end result.
- (d) Enter 5 for the number of copies.
- (e) Press the **Start** key.
- (f) After scanning the first 100 sheets, you can place the remaining 15 sheets of originals on the ADF within 5 seconds to continue copying without interrupting the cycle.
If you do nothing, the machine will display the message “Another original?”.
- (g) Place the remaining 15 sheets of originals on the ADF, and then select “**Yes**”.
- (h) After scanning the remaining 15 sheets, the message “Another original?” will be displayed. Select “**No**” to start the printing process.

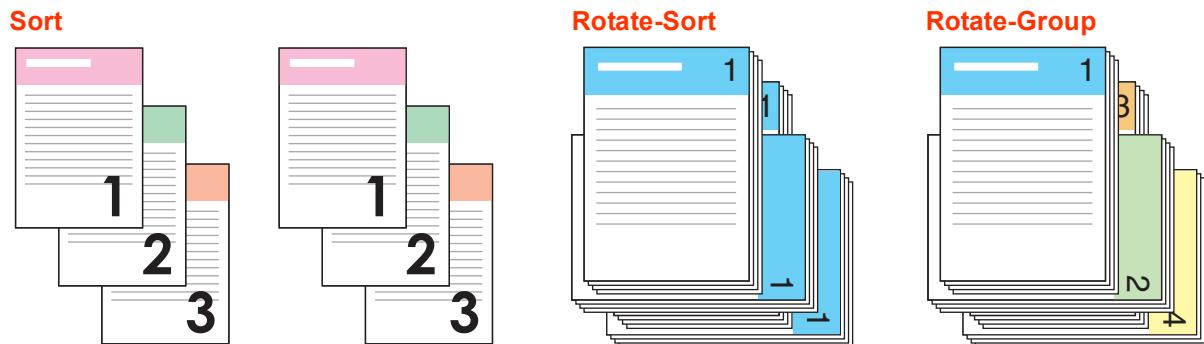


NOTE

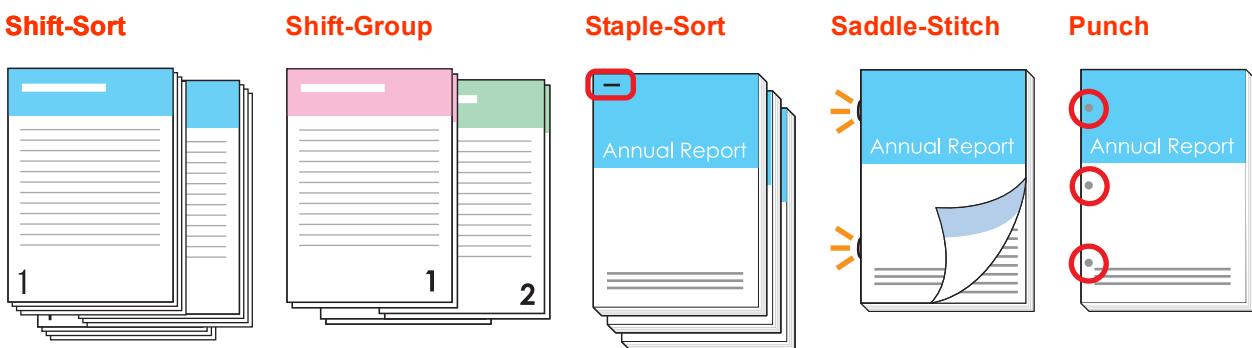
- Originals should be placed on the ADF.
- Up to 999 sheets of originals can be scanned in one job.
The maximum capacity of the scanned data can be reached less than 999 sheets of originals depending on the type of sheets being scanned.
If the memory becomes full during scanning, follow the instructions on the display.

Sort Mode

The original can be copied, printed, and sorted in a specified number of sets.



The following Finishing modes are available when the optional Finisher and Punch Unit are installed.



NOTE

- Only 8.5" x 11" (Letter/Letter-R) size is applicable for "Rotate-Sort" and "Rotate-Group". When "Rotate-Sort" or "Rotate-Group" is selected with Letter and Letter-R size paper loaded in the paper tray, sets of copies are stacked in alternate direction (rotation of 90 degrees).
- For using saddle-stitch binding, refer to **Copying Originals with Saddle-Stitch Binding (Booklet)** (see page 52).
- The number of pages that can be stapled is as follows.

For 1Bin Finisher

8.5" x 11" (Letter): 30 sheets, 8.5" x 14" (Legal) / 11" x 17" (Ledger): 20 sheets

For 1Bin Saddle-Stitch Finisher

8.5" x 11" (Letter): 2-50 sheets, 8.5" x 14" (Legal) / 11" x 17" (Ledger): 2-25 sheets

Saddle-Stitch:

8.5" x 11" (Letter-R), 8.5" x 14" (Legal), 11" x 17" (Ledger): 10 sets (6-10 sheets/11-15 sheets*) / 20 sets (2-5 sheets)

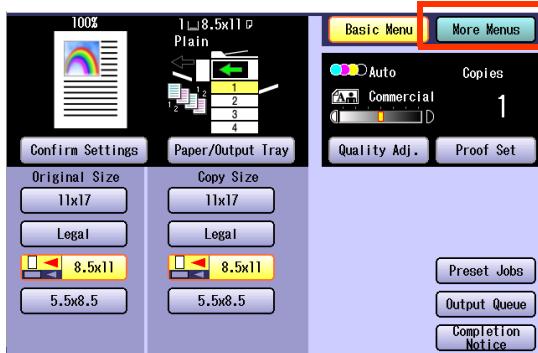
*17 lb Bond Paper

1 Place original(s).

- Refer to **Placing Originals** (see page 6).

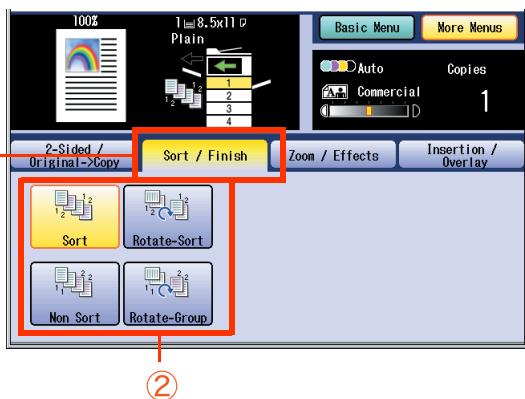
2 Press the **Copy** key if the machine is set to other function mode.

3 Select “**More Menus**”.

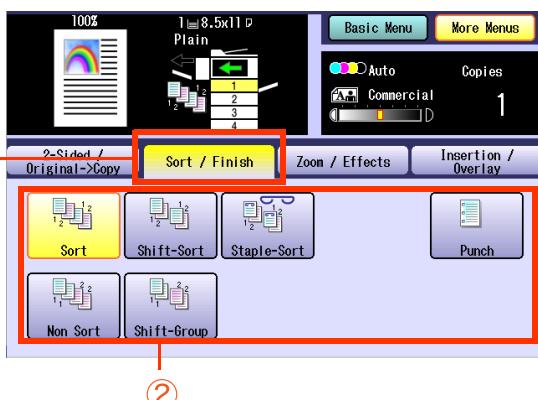


4 Select “**Sort / Finish**”, and then select a sort mode.

- When optional Finisher is not installed

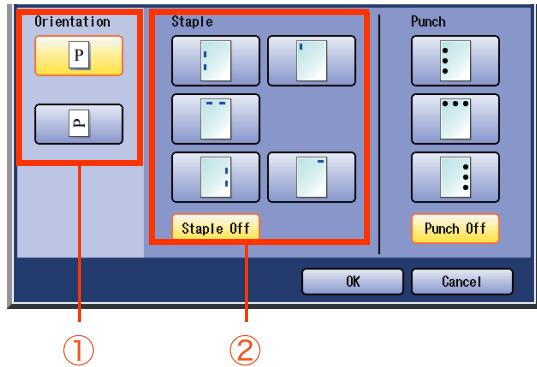


- When the optional 1Bin Saddle-Stitch Finisher is installed



- “**Punch**” function is only available when the optional Punch Unit is installed to the 1Bin Saddle-Stitch Finisher.
- When “**Staple-Sort**” or “**Punch**” is selected, refer to the following.

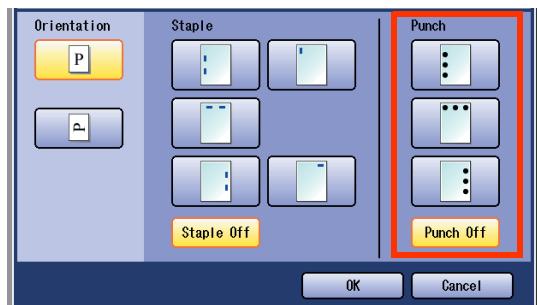
Select the Orientation of the original, and then select the Staple position.



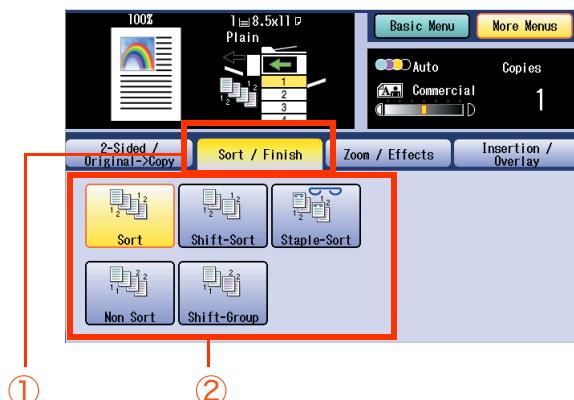
	Select for the original in portrait orientation.
	Select for the original in landscape orientation.

	2 positions on the left side
	1 position on the upper left side
	2 positions on the upper side
	2 positions on the right side
	1 position on the upper right side

Select the Punch position.

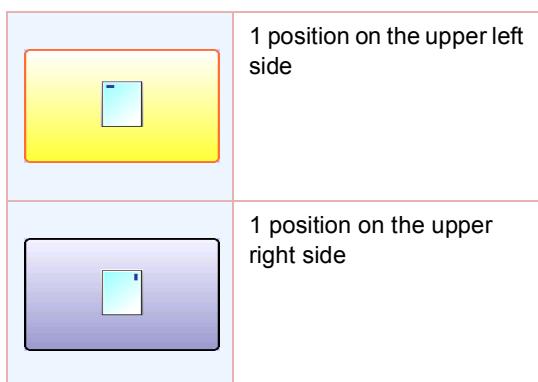
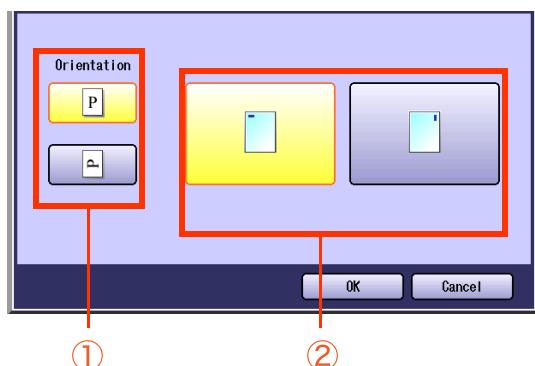


- When the optional 1Bin Finisher is installed



- When “**Staple-Sort**” is selected, refer to the following.

Select the Orientation of the original, and then the Staple position.



- 5** Enter the desired number of copies.

- 6** Press the **Start** key.

- When copying from the Platen Glass, place the next original and follow the instructions described on the Touch Panel Display.

NOTE

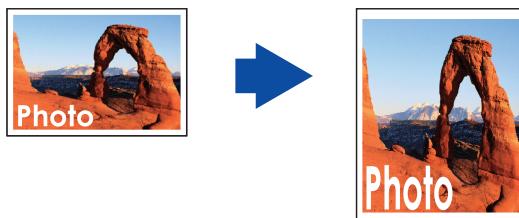
- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Memo

Zoom Mode

Variable Ratios

The original can be copied by setting the Enlargement/Reduction Ratio.

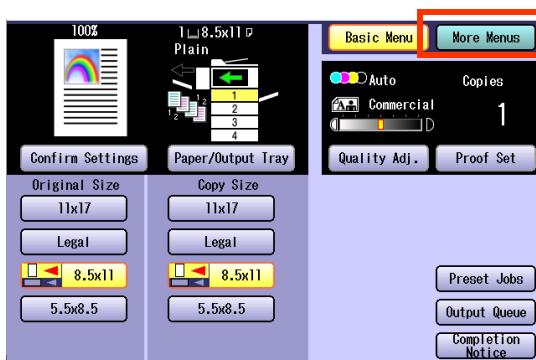


1 Place original(s).

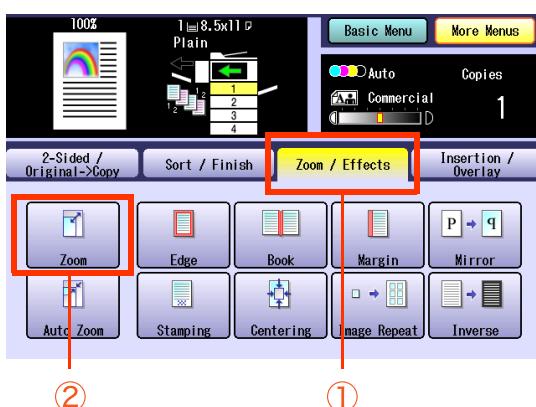
- Refer to **Placing Originals** (see page 6).

2 Press the **Copy** key if the machine is set to other function mode.

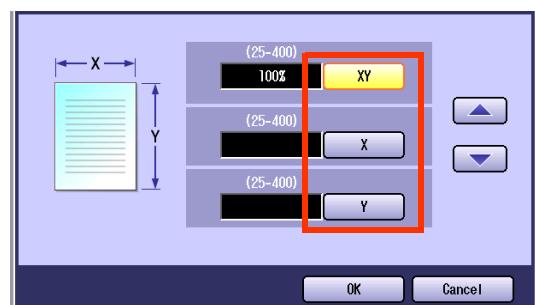
3 Select “More Menus”.



4 Select “Zoom / Effects”, and then select “Zoom”.



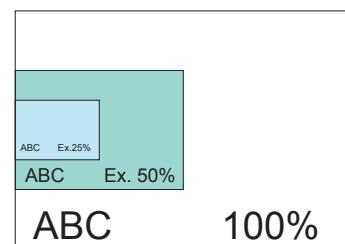
5 Select the item to enlarge/reduce.



XY	Select to set the same enlargement/reduction ratio vertically and horizontally.
X	Select to set the horizontal enlargement/reduction ratio.
Y	Select to set the vertical enlargement/reduction ratio.

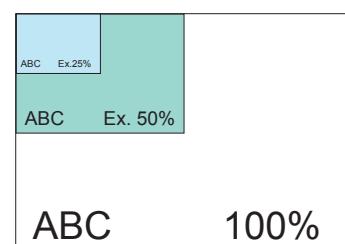
When a reduction copy is selected, it is printed on the following position and size.

Place original(s) on the ADF.



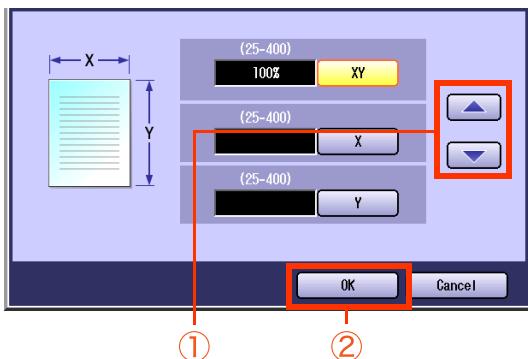
100%

Place an original on the Platen Glass.



100%

- 6 Enter the zoom ratio with “▲” and “▼”, or the Keypad, and then select “OK”.



- The ratio can be set in 1% increments from 25% to 400%.
- When changing the paper size after setting the zoom ratio, select “**Basic Menu**”, and select “**Paper/Output Tray**”, and then select the paper size.

- 7 Enter the desired number of copies.

- 8 Press the **Start** key.

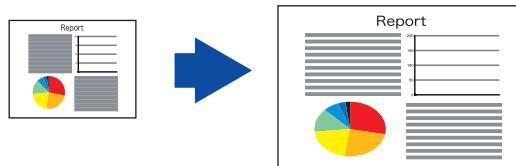
- When copying from the Platen Glass, place the next original, and follow the instructions described on the Touch Panel Display.

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Auto Zoom

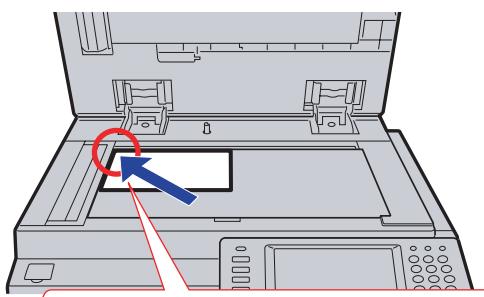
By setting Auto Zoom, originals can be automatically enlarged/reduced to fit the size of the loaded paper.



NOTE

- This function can be selected when the original is placed on the Platen Glass.
- As the original is placed on the Platen Glass, the position of the original may be erroneously detected if influenced by ambient light.
- If the margin around the original is 5 mm wide or less, the original may not be correctly detected, and the copy image may be unclear.

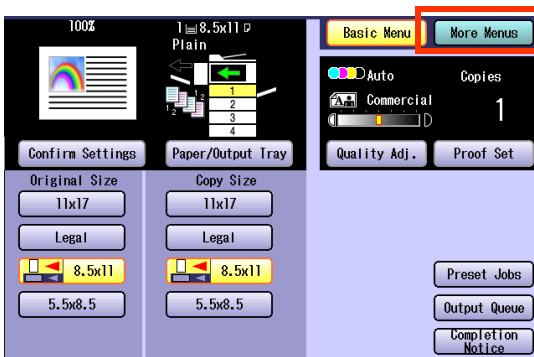
- 1** Open the ADF more than 45 degrees, and place original on the Platen Glass, and then leave the ADF open.



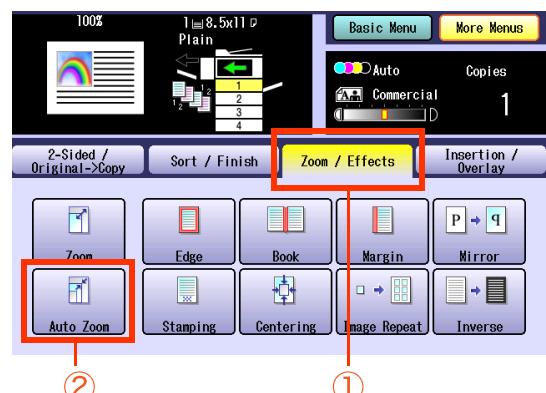
Face down. Align with top left corner.

- Refer to **Placing Originals** (see page 6).

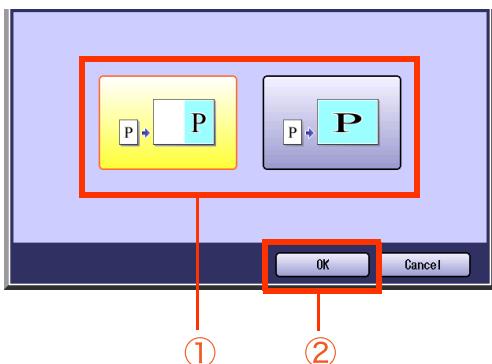
- 2** Press the **Copy** key if the machine is set to other function mode.
- 3** Select “More Menus”.



- 4** Select “Zoom / Effects”, and then select “Auto Zoom”.

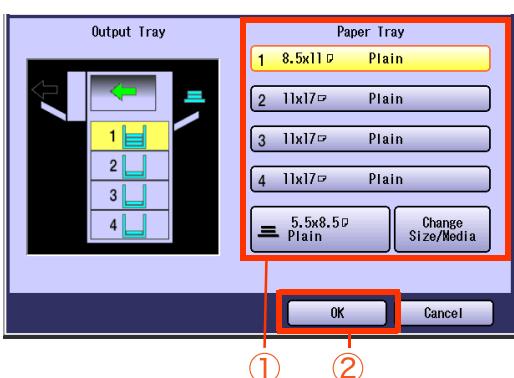


- 5** Select the desired zoom type ratio, and then select “OK”.



	Enlarged or reduced according to the vertical or horizontal size of the paper (the one with the smaller magnification ratio is selected).
	Enlarged or reduced according to both vertical/horizontal size of the paper.

- 6** Select the desired size of paper, and then select “OK”.



- 7** Enter the desired number of copies.

- 8** Press the **Start** key.

- When copying from the Platen Glass, place the next original, and follow the instructions described on the Touch Panel Display.

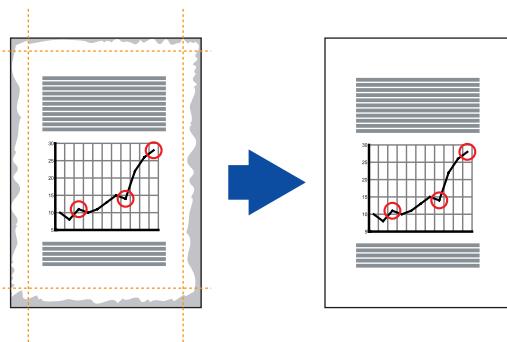
NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Effect Modes

Setting a Blank Edge

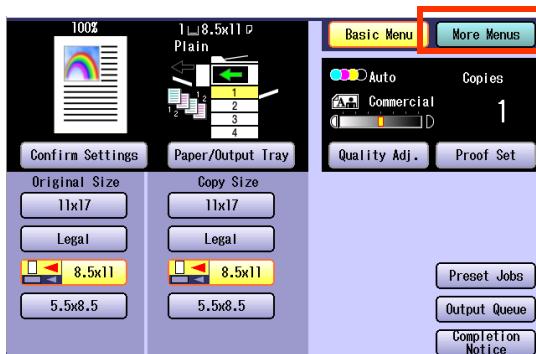
Unnecessary edge can be erased by setting a blank edge.



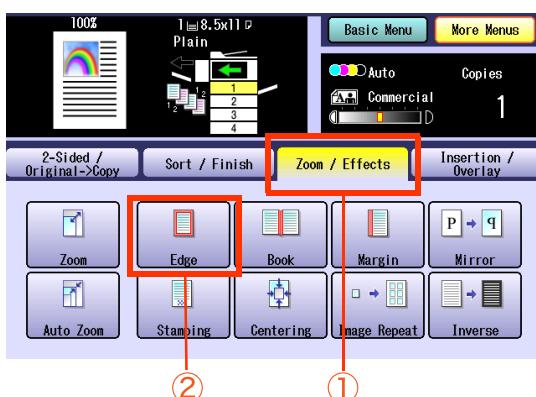
NOTE

- When “Zoom” is selected, the erasing width varies depending on the zoom ratio.

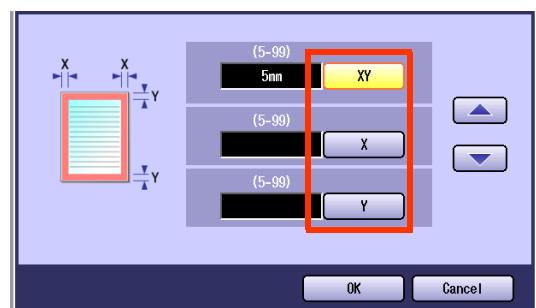
- Place original(s).
 - Refer to **Placing Originals** (see page 6).
- Press the **Copy** key if the machine is set to other function mode.
- Select “More Menus”.



- Select “Zoom / Effects”, and then select “Edge”.

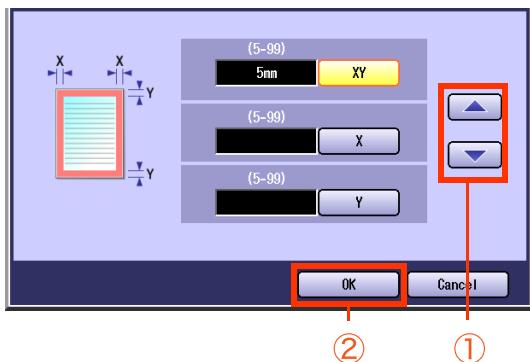


- Select “XY” to set the same value for X and Y, or “X” or “Y” to set a different value for X and Y.



XY	Select to set the same erasing width for all sides.
X	Select to set the erasing width for the right and left sides.
Y	Select to set the erasing width for the top and bottom sides.

- 6 Enter the erasing width with “▲” and “▼”, or the Keypad, and then select “OK”.



- The erasing width can be set in 1 mm increments from 5 mm to 99 mm.

- 7 Enter the desired number of copies.

- 8 Press the **Start** key.

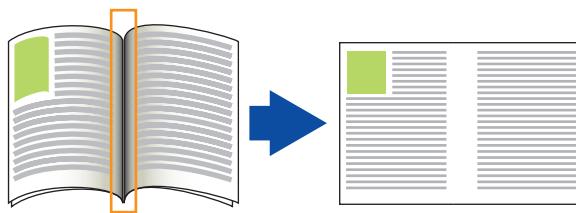
- When copying from the Platen Glass, place the next original, and follow the instructions described on the Touch Panel Display. (The instructions are displayed only when the Sort mode other than “**Non Sort**” is selected.)

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Eliminating Dark Inner Binding Shadows

When copying original such as the center of folding position may be shaded, the shade can be easily eliminated.



The shade is erased.

NOTE

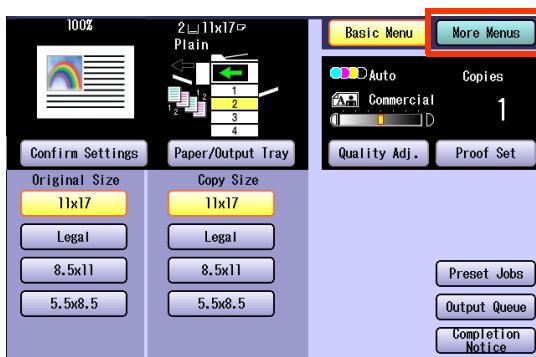
- When “Zoom” is selected, the erasing width varies depending on the zoom ratio.
- When “Overlay” or “Form Overlay” is selected, this function cannot be executed for the overlay original.

1 Place original(s).

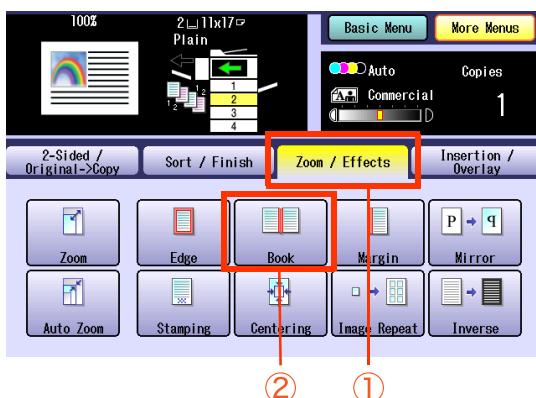
- Refer to **Placing Originals** (see page 6).

2 Press the **Copy** key if the machine is set to other function mode.

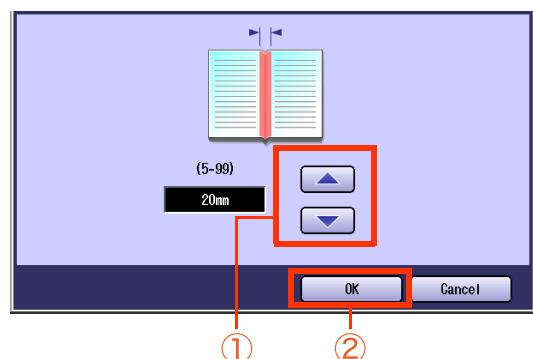
3 Select “More Menus”.



4 Select “Zoom / Effects”, and then select “Book”.



5 Enter the erasing width with “▲” and “▼”, or the Keypad, and then select “OK”.



- The erasing width can be set in 1 mm increments from 5 mm to 99 mm.

6 Enter the desired number of copies.

7 Press the **Start** key.

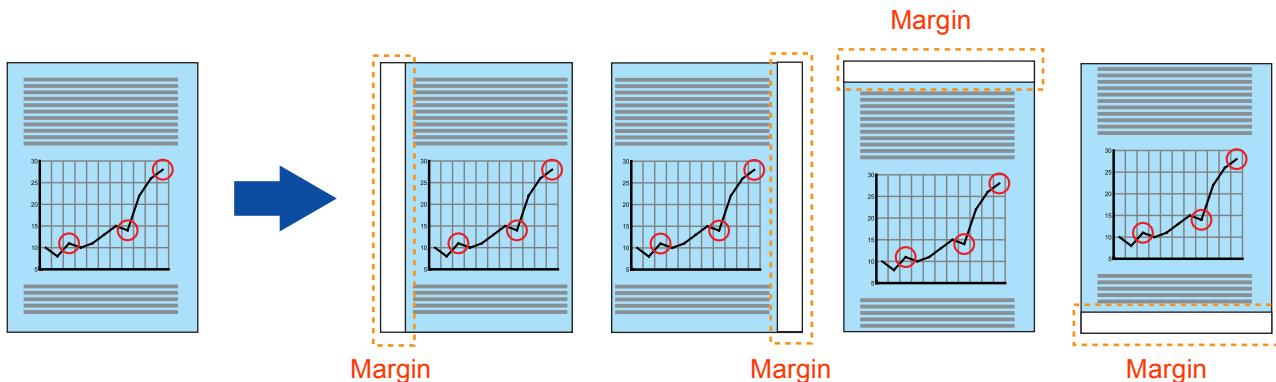
- When copying from the Platen Glass, place the next original, and follow the instructions described on the Touch Panel Display. (The instructions are displayed only when the Sort mode other than “Non Sort” is selected.)

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Shifting Image to Right, Left, Up, or Down

The margin can be added on any 4 sides of the image with the image shifted to the right, left, up, or down accordingly.



NOTE

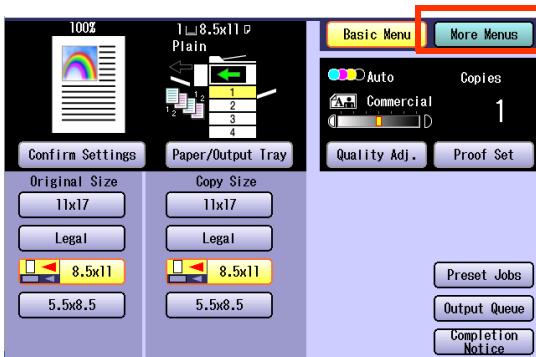
- If a part of the copied image is missing, change the Margin Reduction setting to “Yes”. Refer to **Copier Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- When “Overlay” or “Form Overlay” is selected, the binding margin is also set for the overlay original.
- If this setting is made when the 2-Sided copy is selected, the print position comes out different between the front and back sides of copy.

1 Place original(s).

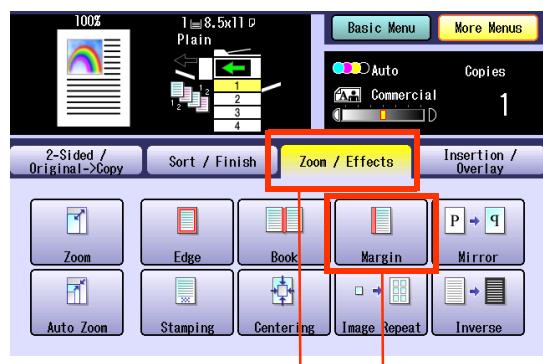
- Refer to **Placing Originals** (see page 6).

2 Press the **Copy** key if the machine is set to other function mode.

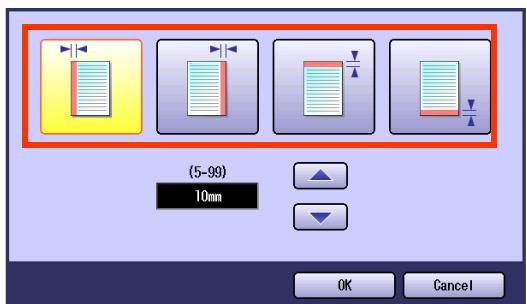
3 Select “More Menus”.



4 Select “Zoom / Effects”, and then select “Margin”.

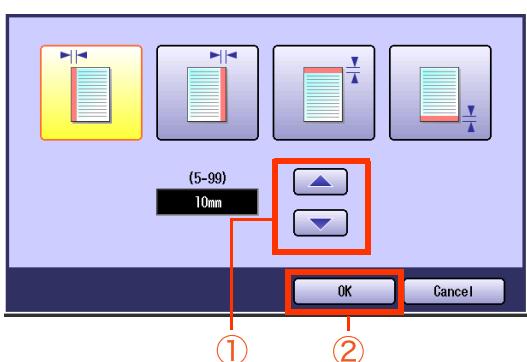


- 5** Select the desired position of the binding margin.



	Select to set the binding margin on the left side of the paper.
	Select to set the binding margin on the right side of the paper.
	Select to set the binding margin on the top side of the paper.
	Select to set the binding margin on the bottom side of the paper.

- 6** Enter the width of the binding margin with “▲” and “▼”, or the Keypad, and then select “OK”.



- The width of the binding margin can be set in 1 mm increments from 5 mm to 99 mm.

- 7** Enter the desired number of copies.

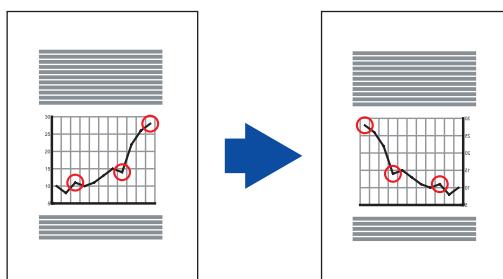
- 8** Press the **Start** key.

NOTE

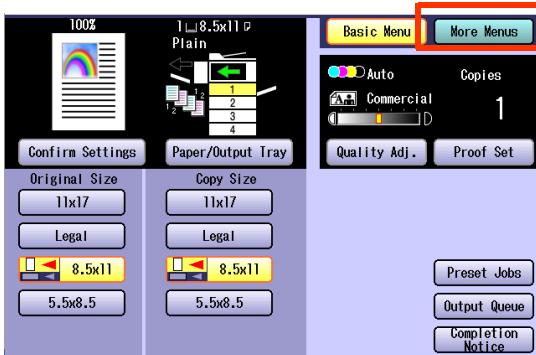
- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Copying Mirror Image

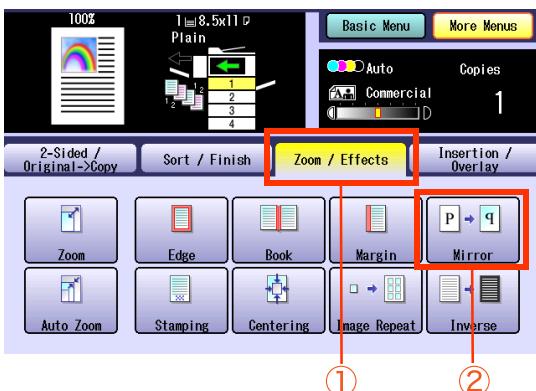
The laterally reversed image of original can be copied.



- 1** Place original(s).
 - Refer to **Placing Originals** (see page 6).
- 2** Press the **Copy** key if the machine is set to other function mode.
- 3** Select “**More Menus**”.



- 4** Select “**Zoom / Effects**”, and then select “**Mirror**”.



- 5** Enter the desired number of copies.
- 6** Press the **Start** key.

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Copying with Stamping

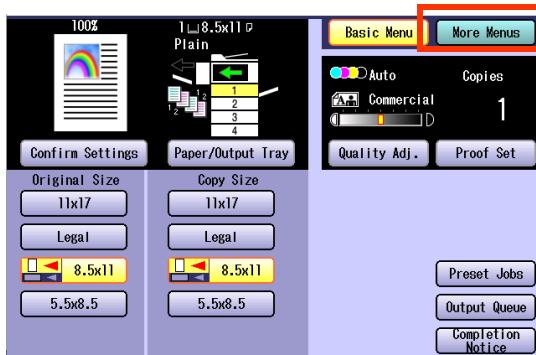
Page Number or Date, etc. can be stamped on each sheet.

NOTE

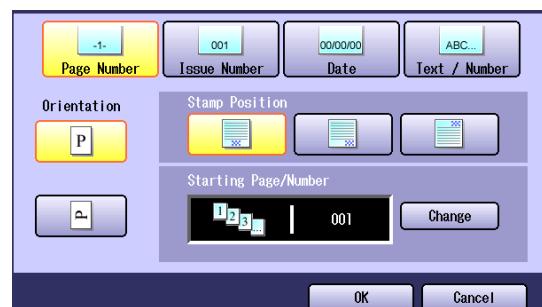
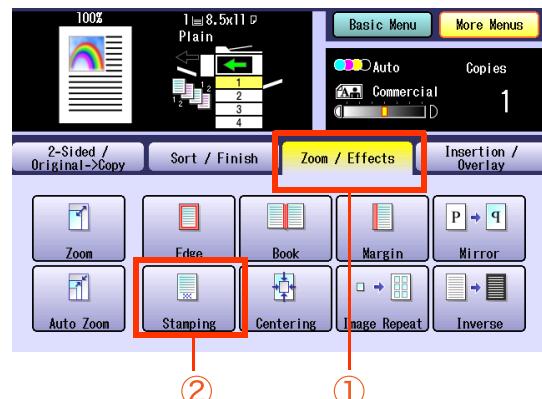
- This function can be selected when the original is placed on the ADF.
- Only one kind of stamp can be selected from Page Number, Issue Number, Date, and Text / Number for each scan job.
- Stamped only in black.
- No stamp is printed on a blank page when an odd number of originals is copied with “1 -> 2” selected.

■ Basic Operation for Stamping

- 1 Place original(s) on the ADF.
● Refer to **Placing Originals** (see page 6).
- 2 Press the **Copy** key if the machine is set to other function mode.
- 3 Select “More Menus”.



- 4 Select “Zoom / Effects”, and then select “Stamping”.



- **Page Number** (see page 75)
- **Issue Number** (see page 77)
- **Date** (see page 79)
- **Text / Number** (see page 81)

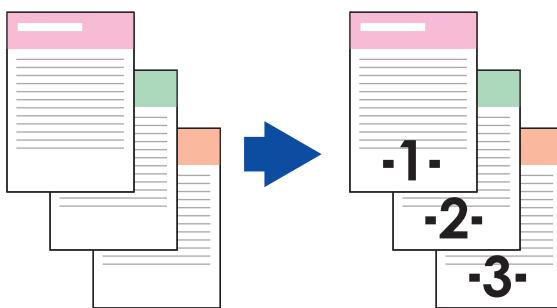
- 5 Enter the desired number of copies.
- 6 Press the **Start** key.

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

■ Page Number

The original can be copied with page numbers printed.



NOTE

- The default is -n- (number) format. To change to n/m (number/maximum) format, refer to **Copier Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- Make sure to select “Sort”.

1 Select “Page Number”.

- To display this screen, refer to steps 1 to 4 of **Basic Operation for Stamping** (see page 74).

2 Select the Orientation of the original.

Select for the original in portrait orientation.

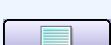


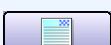
Select for the original in landscape orientation.



3 Select the Stamp Position.

 The page number is printed on the bottom at the center.

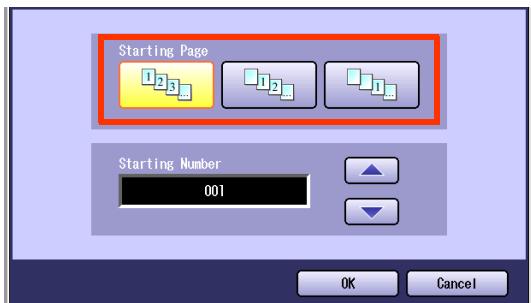
 The page number is printed on the bottom right side.

 The page number is printed on the upper right side.

4 To change the start page and start number, select “Change”.

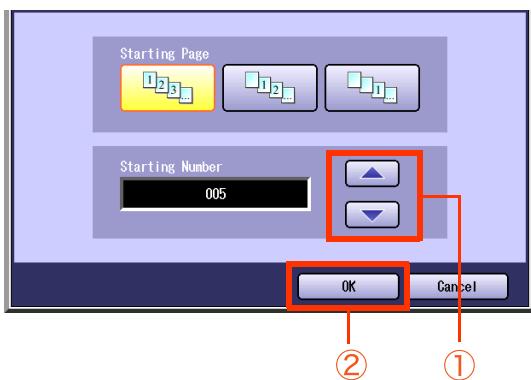
Continued on the next page...

- 5** If “Change” was selected in step 4, select the Starting Page.



	The page numbering starts from the first page.
	The page numbering starts from the second page.
	The page numbering starts from the third page.

- 6** If “Change” was selected in step 4, enter the Starting Number with “▲” and “▼”, or the Keypad, and then select “OK”.



- Starting page number can be set from 1 to 999.

	Each time it is selected, the number increments by 1.
	Each time it is selected, the number declines by 1.

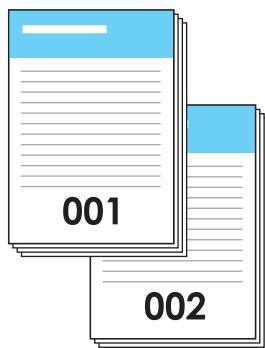
- 7** Select “OK”.



- For the following steps, refer to steps 5 to 6 in **Basic Operation for Stamping** (see page 74).

■ Issue Number

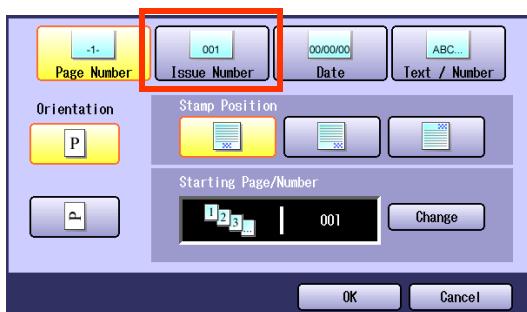
The original can be copied with consecutive numbers from 001 to 999 printed.



NOTE

- The Issue Numbers can be set from 001 to 999. After 999, the number returns to 001.

1 Select “Issue Number”.



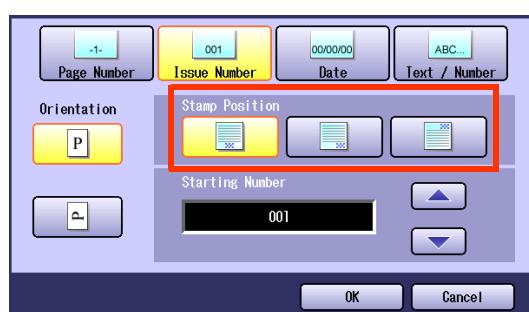
- To display this screen, refer to steps 1 to 4 of **Basic Operation for Stamping** (see page 74).

2 Select the Orientation of the original.



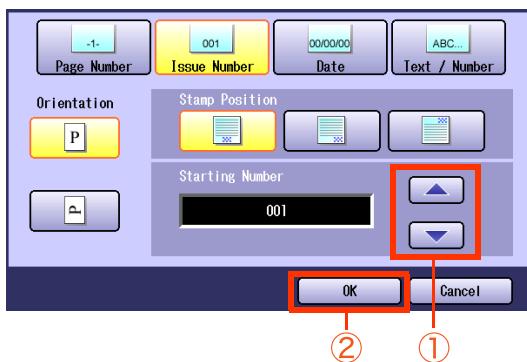
	Select for the original in portrait orientation.
	Select for the original in landscape orientation.

3 Select the Stamp Position.



	The issue number is printed on the bottom at the center.
	The issue number is printed on the bottom right side.
	The issue number is printed on the upper right side.

- 4 Enter the Starting Number with “▲” and “▼”, or the Keypad, and then select “OK”.

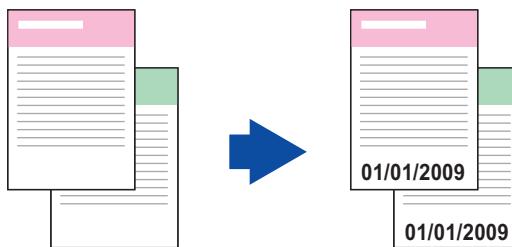


	Each time it is selected, the number increments by 1.
	Each time it is selected, the number declines by 1.

- For the following steps, refer to steps 5 to 6 in the **Basic Operation for Stamping** (see page 74).

■ Date

The original can be copied with a date printed. The date is printed in the MM/DD/YYYY format.



1 Select “Date”.

This screenshot shows the stamping menu. The 'Date' field is highlighted with a red box. Other fields include 'Page Number', 'Issue Number', and 'Text / Number'. Below these are sections for 'Orientation' (with 'P' selected), 'Stamp Position' (with three icons), and 'Starting Page/Number' (set to 001). Buttons for 'OK' and 'Cancel' are at the bottom.

- To display this screen, refer to steps 1 to 4 of **Basic Operation for Stamping** (see page 74).

2 Select the Orientation of the original.

This screenshot shows the stamping menu with the 'Orientation' section highlighted by a red box. It includes two 'P' buttons for portrait and landscape orientations. Other fields like 'Page Number', 'Issue Number', 'Text / Number', 'Stamp Position', and 'Starting Page/Number' are visible. Buttons for 'OK' and 'Cancel' are at the bottom.

	Select for the original in portrait orientation.
	Select for the original in landscape orientation.

3 Select the Stamp Position.

This screenshot shows the stamping menu with the 'Stamp Position' section highlighted by a red box. It includes three icons representing different stamp positions. Other fields like 'Page Number', 'Issue Number', 'Text / Number', 'Orientation' (with 'P' selected), and 'Starting Page/Number' are visible. Buttons for 'OK' and 'Cancel' are at the bottom.

	The date is printed on the bottom at the center.
	The date is printed on the bottom right side.
	The date is printed on the upper right side.

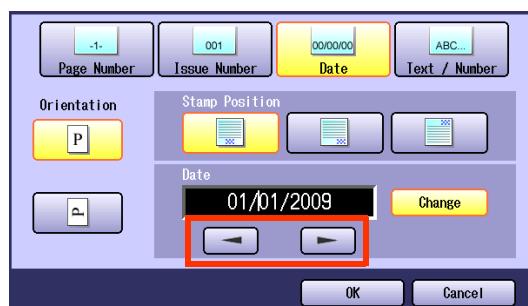
4 To change the date, follow the steps below.

Select “Change”.

This screenshot shows the stamping menu with the 'Change' button highlighted by a red box. Other fields like 'Page Number', 'Issue Number', 'Text / Number', 'Orientation' (with 'P' selected), 'Stamp Position' (with the first icon selected), and 'Starting Page/Number' are visible. Buttons for 'OK' and 'Cancel' are at the bottom.

The cursor is displayed.

Move the cursor to the desired position using



Change the date with the Keypad.

5 Select "OK".

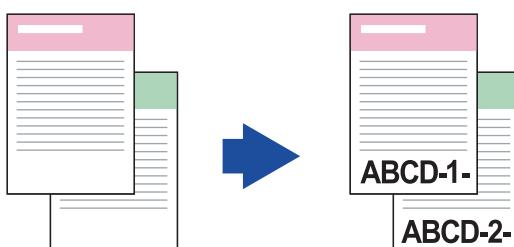


- For the following steps, refer to steps 5 to 6 in the **Basic Operation for Stamping** (see page 74).

■ Text / Number

The original can be copied with text and page/issue numbers printed.

Ex: When copying text and page numbers



NOTE

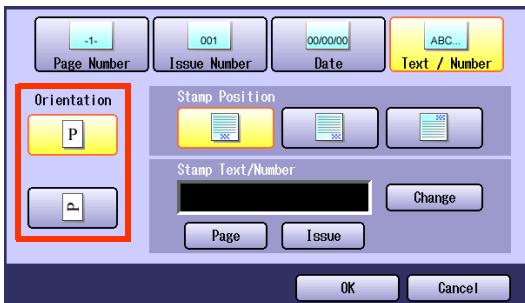
- Page numbers are printed in -n- (number) format.
- Page and issue numbers can be entered from 001 to 999. After 999, the number returns to 001.
- Up to 32 characters, including A to Z, a to z, 0 to 9, symbols, @, . (Period), _ and space can be entered for text stamp.
- The font size is 2.1 mm x 3.1 mm.

1 Select “Text / Number”.



- To display this screen, refer to steps 1 to 4 of **Basic Operation for Stamping** (see page 74).

2 Select the Orientation of the original.



- | | |
|--|---|
| | Select for the original in portrait orientation. |
| | Select for the original in landscape orientation. |

3 Select the Stamp Position.

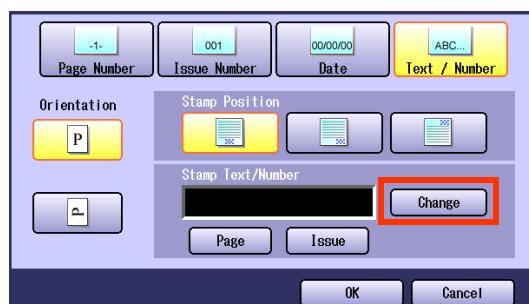


The text and page/issue number are printed on the bottom at the center.

The text and page/issue number are printed on the bottom right side.

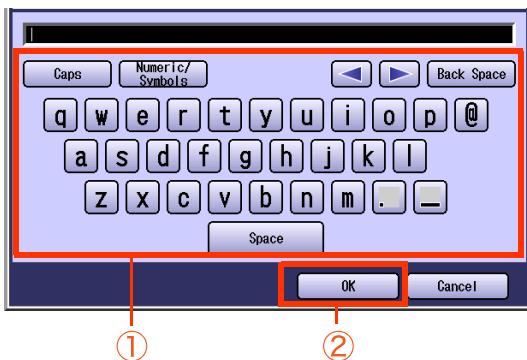
The text and page/issue number are printed on the upper right side.

4 Select “Change”.



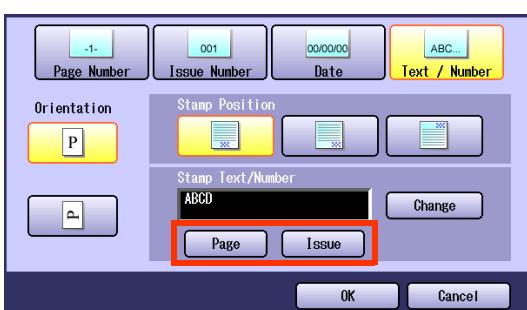
Continued on the next page...

5 Enter text, and then select “OK”.

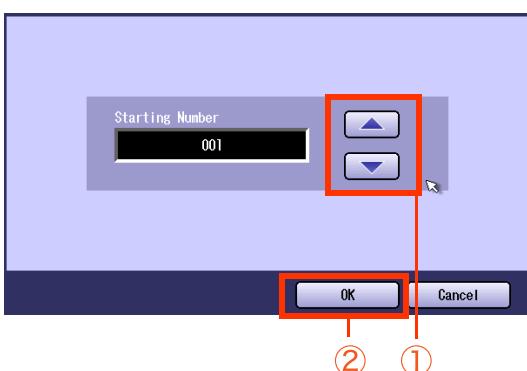


- For the following steps, refer to steps 5 to 6 in the **Basic Operation for Stamping** (see page 74).

6 Select “Page” or “Issue”.



7 Enter the Starting Number, and then select “OK”.

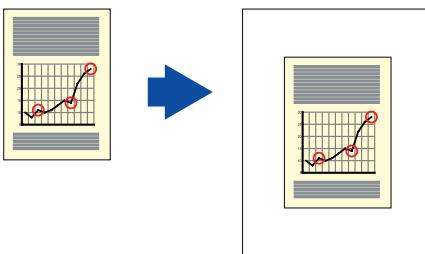


8 Select “OK”.



Centering

The copying image can be centered automatically on a selected paper.



NOTE

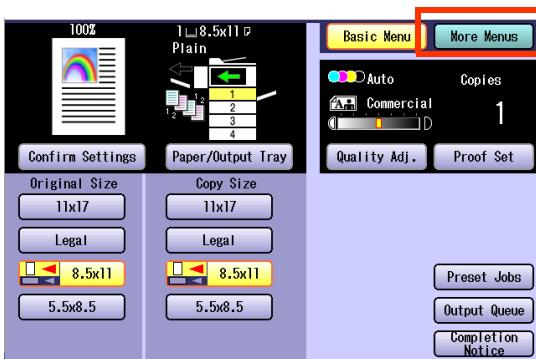
- This function can be selected when the original is placed on the Platen Glass.
- As the original is placed on the Platen Glass, the position of the original may be erroneously detected if influenced by ambient light.
- If the margin around the original is 5 mm wide or less, the original may not be correctly detected, and the copy image may be unclear.

1 Open the ADF more than 45 degrees, and place original on the Platen Glass, and then leave the ADF open.

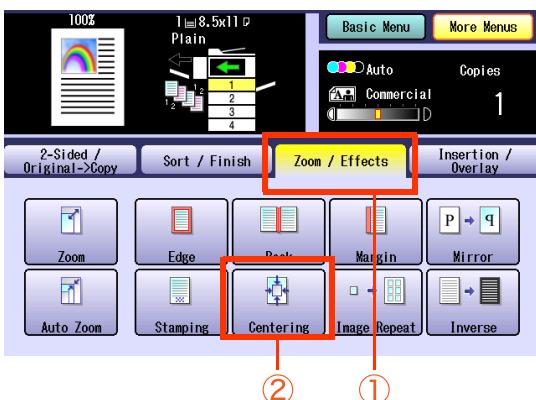
● Refer to **Placing Originals** (see page 6).

2 Press the **Copy** key if the machine is set to other function mode.

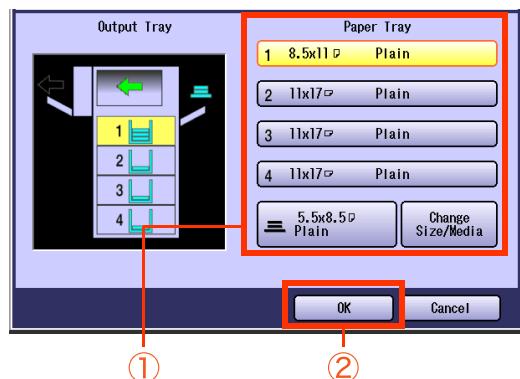
3 Select “**More Menus**”.



4 Select “**Zoom / Effects**”, and then select “**Centering**”.



5 Select the desired type of paper, and then select “**OK**”.



6 Enter the desired number of copies.

7 Press the **Start** key.

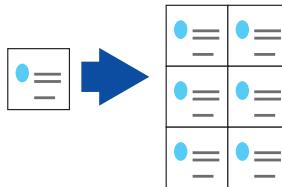
NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Image Repeat

Create multiple images on a sheet from a single original.

The minimum size of the original is 20 mm x 20 mm.



NOTE

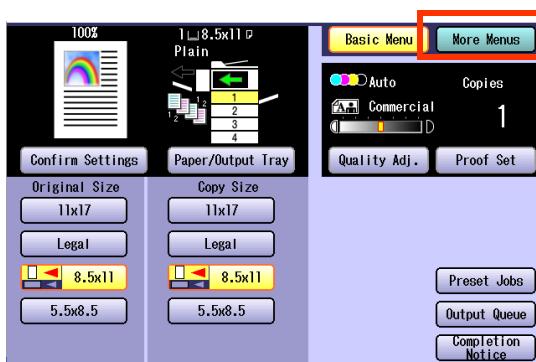
- Dotted lines can be printed between each of the copied images. Refer to **Copier Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- This function can be selected when the original is placed on the Platen Glass.
- As the original is placed on the Platen Glass, the position of the original may be erroneously detected if influenced by ambient light.
- If the margin around the original is 5 mm wide or less, the original may not be correctly detected, and the copy image may be unclear.

1 Open the ADF more than 45 degrees, and place original on the Platen Glass, and then leave the ADF open.

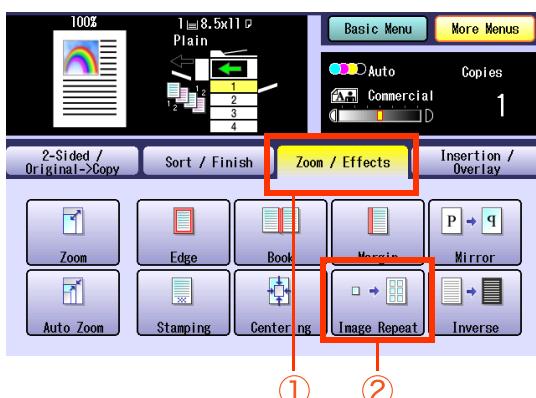
- Refer to **Placing Originals** (see page 6).

2 Press the **Copy** key if the machine is set to other function mode.

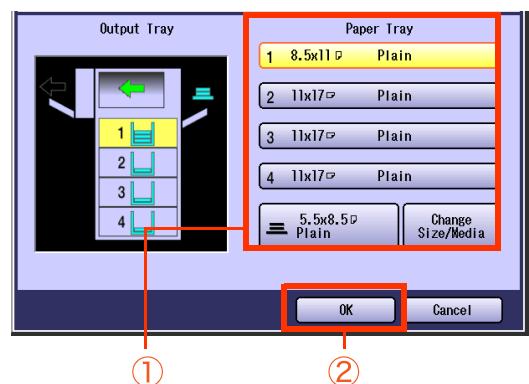
3 Select “More Menus”.



4 Select “Zoom / Effects”, and then select “Image Repeat”.



5 Select the desired type of paper, and then select “OK”.



6 Enter the desired number of copies.

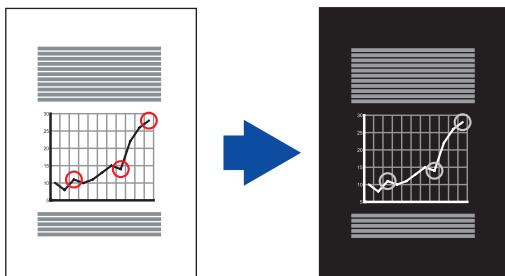
7 Press the **Start** key.

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Copying Inverse Image

The tonal inversion of image can be copied in black and white.



NOTE

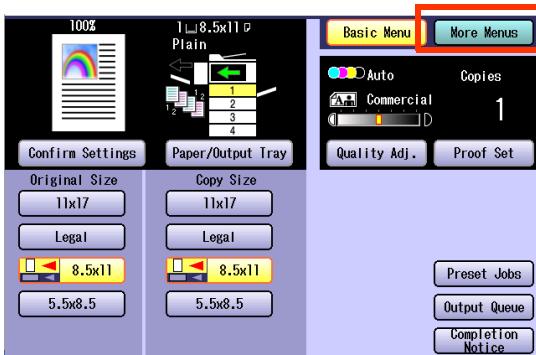
- This function is only available when “**Black**” is selected in the Color mode. If the “**Inverse**” is selected when the other Color mode has been set, a message appears prompting you to change the setting to “**Black**”.
- This function is canceled if the Color mode is changed from “**Black**” to the other Color mode after selecting “**Inverse**”.
- The Color mode remains set to “**Black**” even if the Inverse mode is canceled. To cancel the “**Black**” mode, select other Color mode or press the **Reset** key.

1 Place original(s).

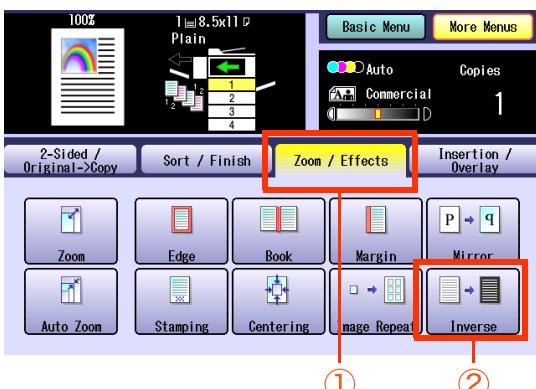
- Refer to **Placing Originals** (see page 6).

2 Press the **Copy** key if the machine is set to other function mode.

3 Select “More Menus”.



4 Select “Zoom / Effects”, and then select “Inverse”.



5 Enter the desired number of copies.

6 Press the **Start** key.

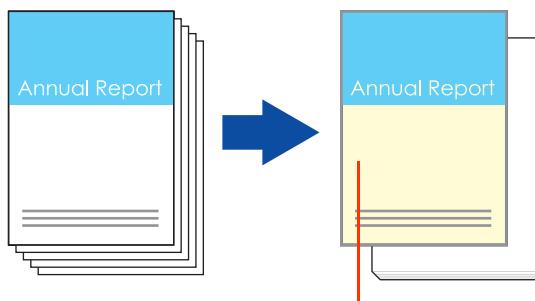
NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Insertion Modes

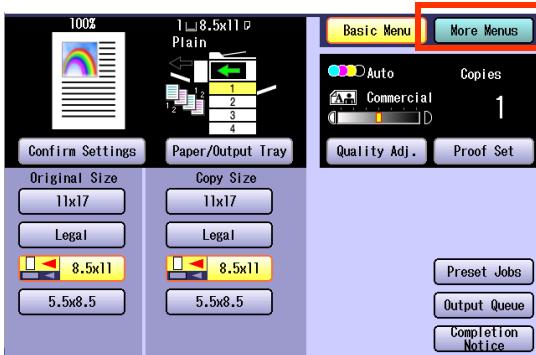
Adding a Cover Page to Copies

The original can be copied using other types of paper for a cover page. Only the Front cover, or Front and Back covers can be selected.

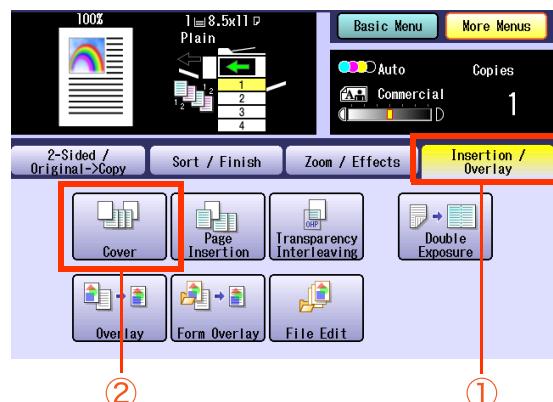


The front cover is copied
on color paper.

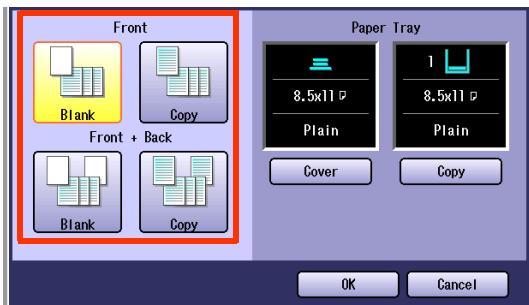
- 1** Place original(s) on the ADF.
● Refer to **Placing Originals** (see page 6).
- 2** Press the **Copy** key if the machine is set to other function mode.
- 3** Select “More Menus”.



- 4** Select “**Insertion / Overlay**”, and then select “**Cover**”.

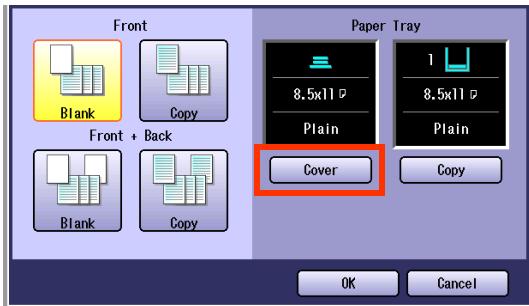


- 5** Select the Front, or Front and Back covers.



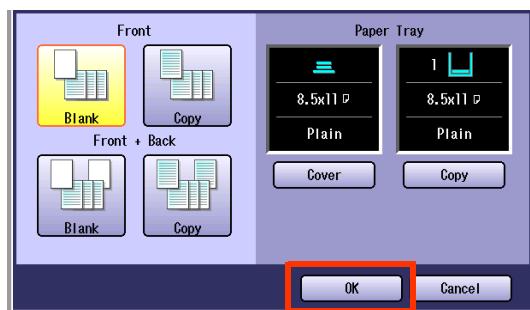
Front	Select to add a Blank Front cover.
Front Copy	Select to add a copied Front cover.
Front+Back Blank	Select to add a Blank Front and Back cover.
Front+Back Copy	Select to add a copied Front and Back cover.

- 6** Select “**Cover**” until the desired Paper Tray is displayed.



- When changing paper for copies other than the cover page, select “**Copy**”, and change the Paper Tray.
- When using color or Special paper for the cover page, place the paper in the Sheet Bypass or any tray beforehand, and also select the type of paper that you will use. If the type of paper is not selected properly, the quality of the image may become poor. Refer to the Operating Instructions (For Maintenance) of provided CD-ROM.

- 7** Select “**OK**”.



- 8** Enter the desired number of copies.

- 9** Press the **Start** key.

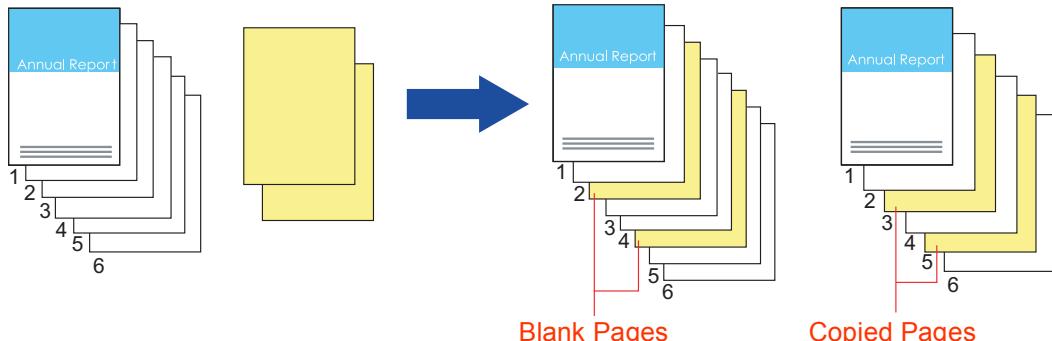
NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

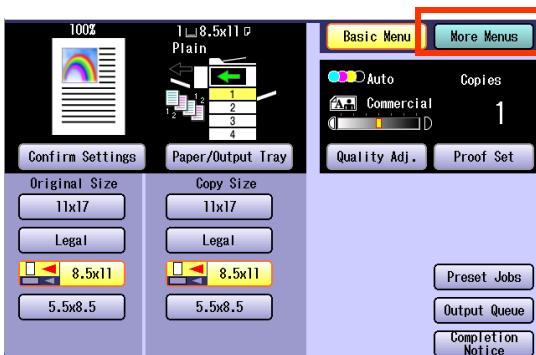
Inserting Blank/Copied Pages Between Copies

The original can be copied by inserting other types of paper between specified pages.

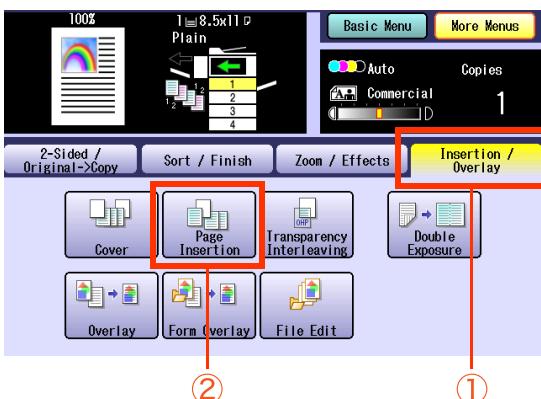
You can copy specified pages (including the cover page) on paper such as colored paper set in a Paper Tray or on the Sheet Bypass.



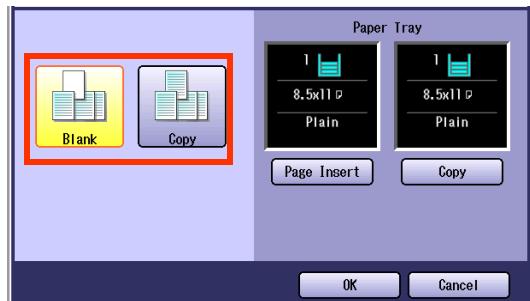
- 1** Place original(s) on the ADF.
 - Refer to **Placing Originals** (see page 6).
- 2** Press the **Copy** key if the machine is set to other function mode.
- 3** Select “More Menus”.



- 4** Select “**Insertion / Overlay**”, and then select “**Page Insertion**”.

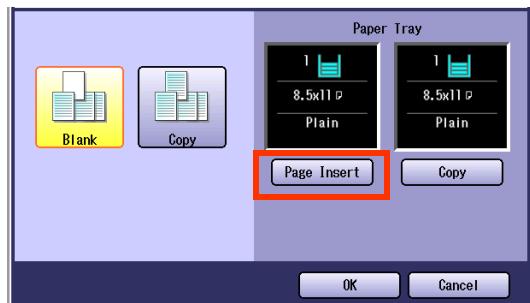


- 5** Select the type of page to insert.



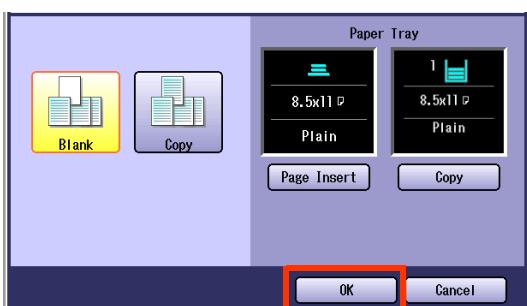
Blank	Inserts blank pages.
Copy	Inserts copied pages.

- 6** Select “**Page Insert**” until the desired Paper Tray is displayed.

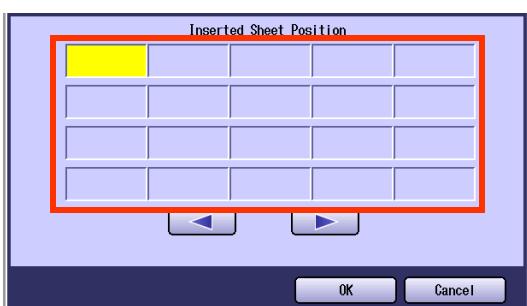


- When changing paper for copies other than the inserted page, select “**Copy**”, and change the Paper Tray.
- When using color paper for the inserted page, place the paper in the Sheet Bypass beforehand, and also select the type of paper that you will use. If the type of paper is not selected properly, the quality of the image may become poor. Refer to the Operating Instructions (For Maintenance) of provided CD-ROM.

7 Select “OK”.

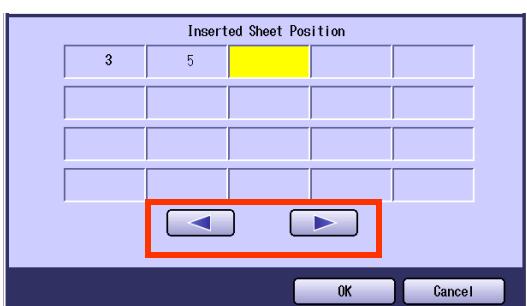


8 Enter the page numbers with Keypad where the insertion pages are placed.



- To erase an entered number, press the **Clear** key.

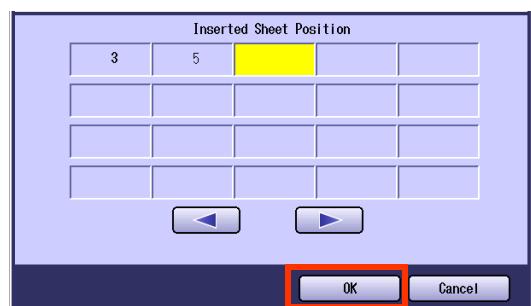
9 Select to enter the following page numbers where the insertion pages are placed.



- By selecting and , move the cursor to enter the insertion page numbers.

- Up to 20 insertion page numbers can be entered.

10 Select “OK”.



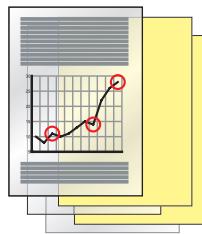
11 Enter the desired number of copies.

12 Press the **Start** key.

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Inserting Blank Pages Between Transparency Films

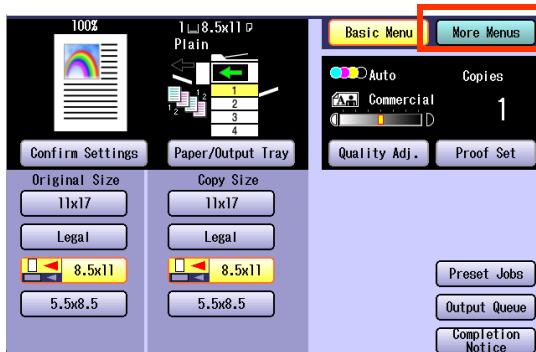


1 Place original(s) on the ADF.

- Refer to **Placing Originals** (see page 6).

2 Press the **Copy** key if the machine is set to other function mode.

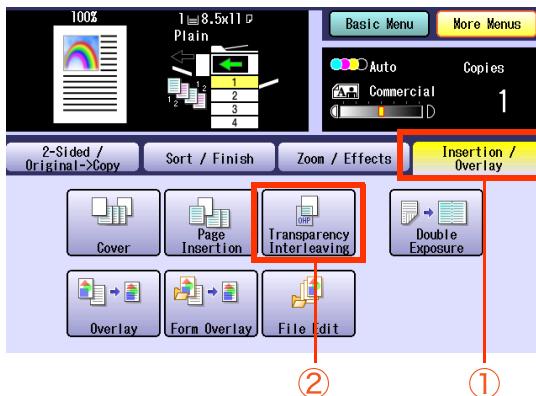
3 Select “More Menus”.



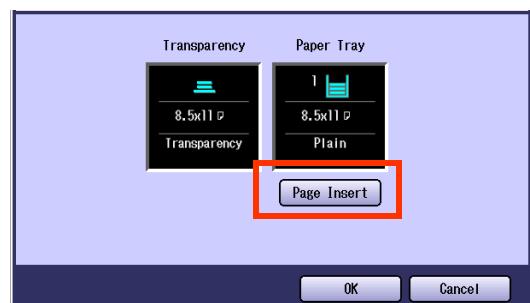
4 Place the Transparency Films on the Sheet Bypass.

- How to use the Sheet Bypass and change the Printing Media, refer to **Adding Paper <Printing Media>** in the Operating Instructions (For Maintenance) of provided CD-ROM.

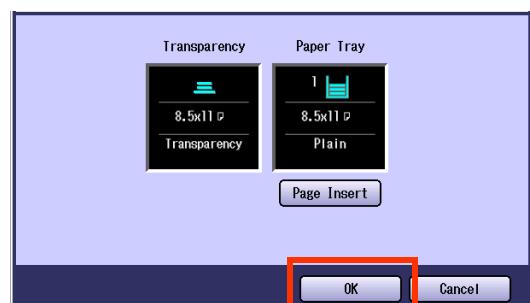
5 Select “**Insertion / Overlay**”, and then select “**Transparency Interleaving**”.



6 When changing the paper to be inserted between Transparency Films, select “**Page Insert**” until the desired Paper Tray is displayed.



7 Select “**OK**”.



8 Enter the desired number of copies.

9 Press the **Start** key.

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

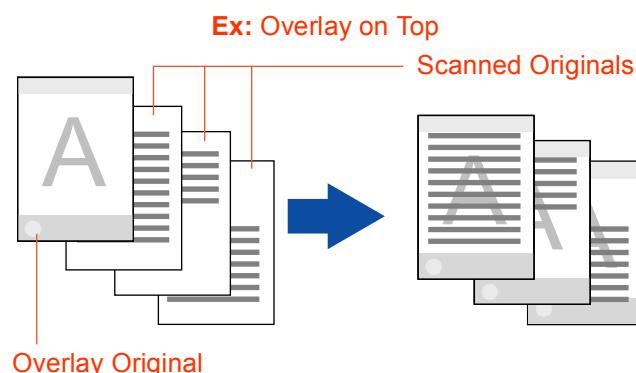
Memo

Overlay Modes

Overlaying an Image onto the Copies

The original can be overlaid with the first page of the original.

The first page is called the overlay original, and the second page onwards are called the scanned original, respectively.



NOTE

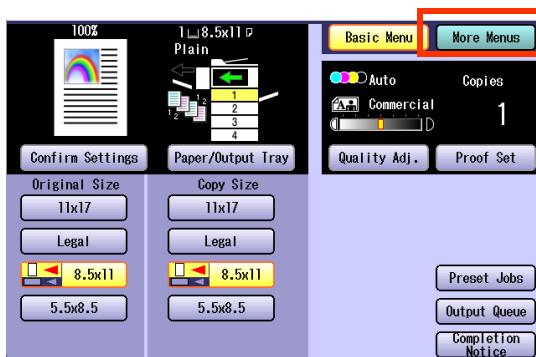
- The size available for both of the overlay original and scanned original is 8.5" x 11".
- “Auto” cannot be selected in the Color mode.
- When “Margin” is selected, a binding margin is also set for the overlay original.
- When “Cover” or “Page Insertion” is selected, if the cover page and insertion pages are not set to be copied, the overlay is not executed for blank pages. If these pages are set to be copied, the overlay is executed for copied pages.

1 Place original(s).

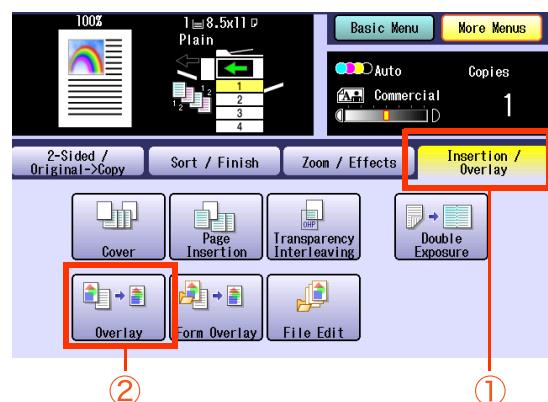
- Refer to **Placing Originals** (see page 6).

2 Press the **Copy** key if the machine is set to other function mode.

3 Select “More Menus”.

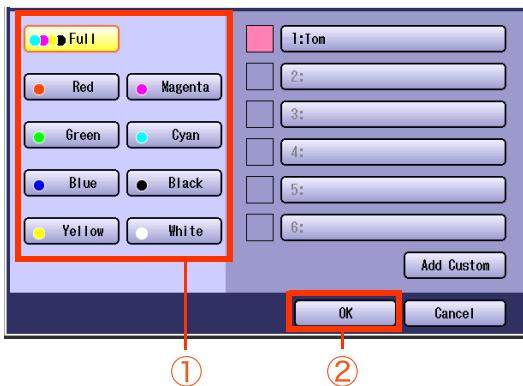


4 Select “Insertion / Overlay”, and then select “Overlay”.

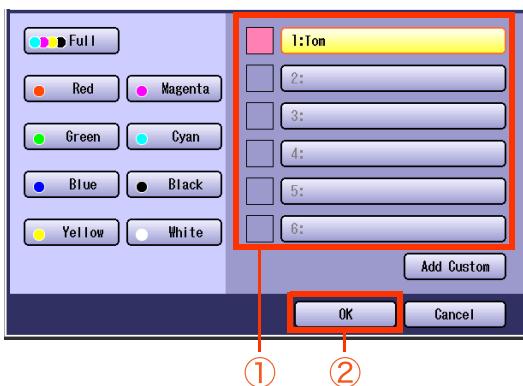


- 5** Select colors for the overlay original from the basic colors or registered custom colors, and then select “OK”.

□ When selecting from the basic colors

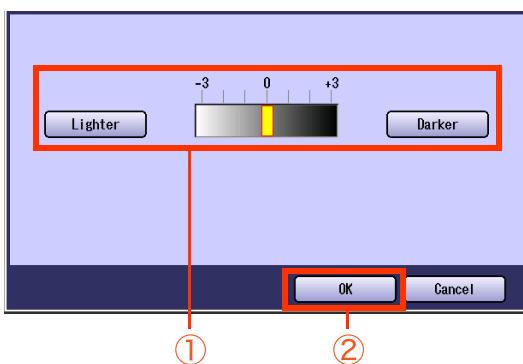


□ When selecting from the registered custom colors



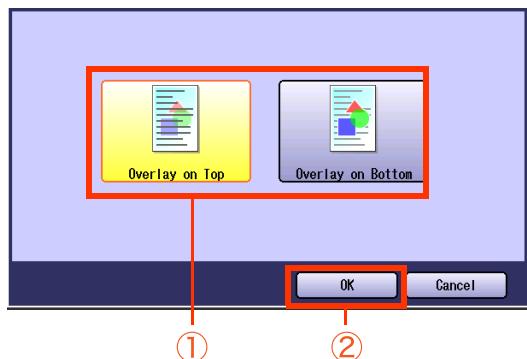
- If “Add Custom” is selected, the Add Custom screen is displayed, and colors can be registered. Refer to **New Color Registration** (see page 17).

- 6** Adjust the overlay density with “Lighter”, and “Darker”, and then select “OK”.



Lighter	Overlay density level is decreased.
Darker	Overlay density level is increased.

- 7** Select the overlay position, and then select “OK”.



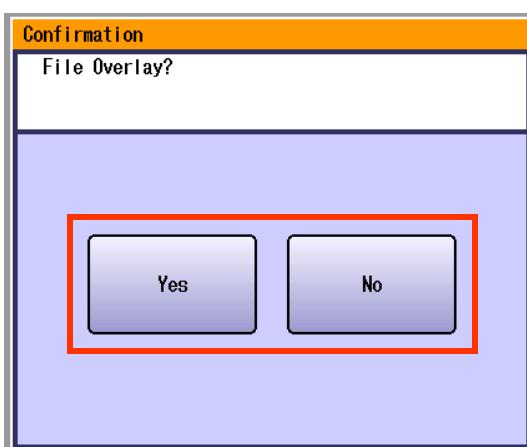
Overlay on Top	Copied with the scanned original overlaid on the overlay original.
Overlay on Bottom	Copied with the overlay original overlaid on the scanned original.

- 8** Enter the desired number of copies.

- 9** Press the **Start** key.

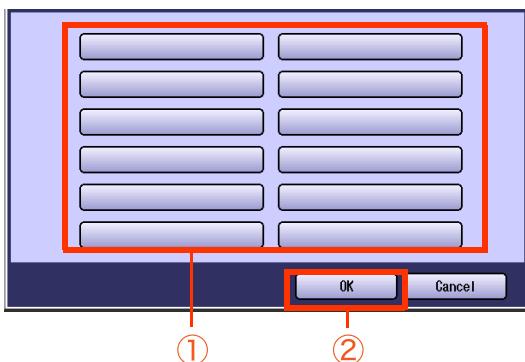
- When copying from the Platen Glass, place the next original, and follow the instructions described on the Touch Panel Display.
- When the overlay copying is completed, the overlay original registration confirmation screen is displayed.

- 10** Select “Yes” or “No”.

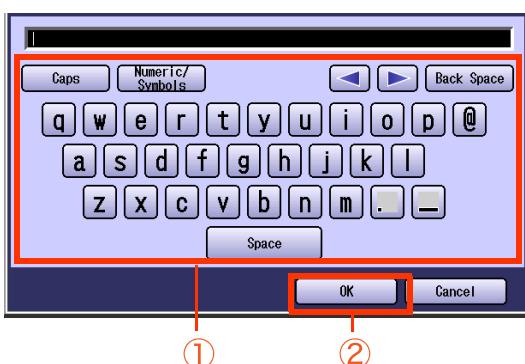


Yes	Register the overlay image.
No	Clear the overlay image.

- 11 If “Yes” was selected in step 10, select a desired button with no names registered, and then select “OK”.



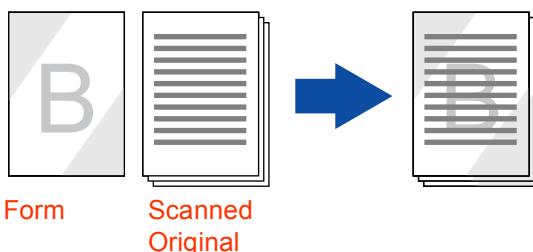
- 12 Enter the button name with Keyboard, and then select “OK”.



- Up to 20 characters can be entered.
- For instructions on how to enter characters, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

Overlay Copying with Registered Image

Overlay an image stored in memory onto the copy.



NOTE

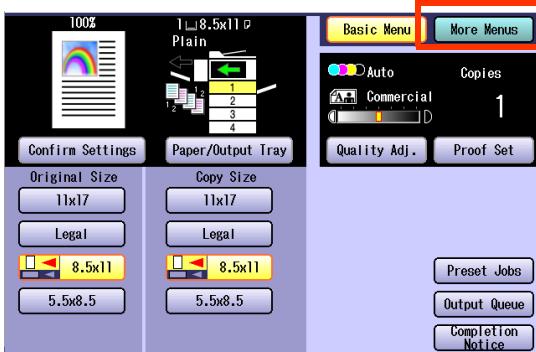
- To use this function, overlay forms must be registered in advance. For instructions on registering overlay forms, refer to **File Edit** (see page 97).
- Available size is 8.5" x 11".
- "Auto" cannot be selected in the Color mode.
- If the orientation of original is different from the form, the image of original is rotated automatically when overlaid.
- If enlargement or reduction is selected using "Zoom" or the paper size setting, the size of the original is enlarged or reduced according to the setting. However, the size of the form is not enlarged or reduced.
- When "Edge" or "Book" is selected, the edge erasing function and the center erasing function are not executed for the overlay original.
- When "Margin" is selected, a binding margin is also effective for the overlay original.
- If "Blank" is selected for "Cover" or "Page Insertion", overlay will not be executed. The image overlay is executed for "Copy" pages.

1 Place original(s).

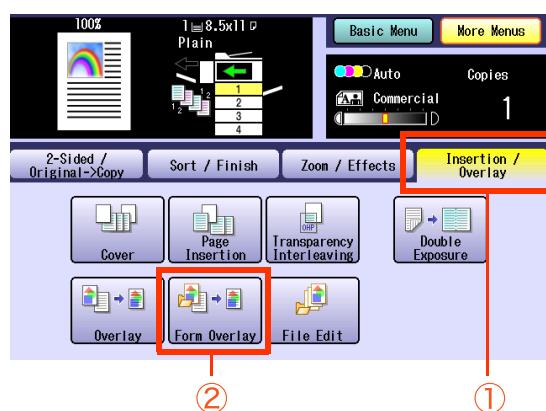
- Refer to **Placing Originals** (see page 6).

2 Press the **Copy** key if the machine is set to other function mode.

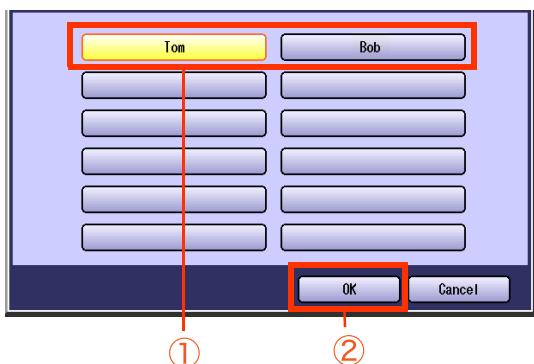
3 Select "More Menus".



4 Select "Insertion / Overlay", and then select "Form Overlay".

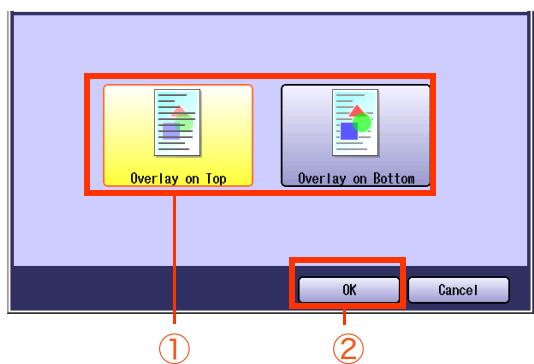


- 5** Select the registered form, and then select “OK”.



- For the details about how to register the form, refer to **Save** (see page 97).

- 6** Select the overlay position, and then select “OK”.



Overlay on Top	Copies with the scanned original overlaid on the form.
Overlay on Bottom	Copies with the form overlaid on the scanned original.

- 7** Enter the desired number of copies.

- 8** Press the **Start** key.

- When copying from the Platen Glass, place the next original, and follow the instructions described on the Touch Panel Display.

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

File Edit

Up to 12 settings can be registered for the overlay form.

NOTE

- Refer to **Overlay Copying with Registered Image** (see page 95).

Save

NOTE

- The size of the original, which can be registered in the form, is 8.5" x 11".
- After the registration, the form transparency level and the specified colors cannot be changed.
- "Auto" cannot be selected in the Color mode.

1 Place the original for overlay form.

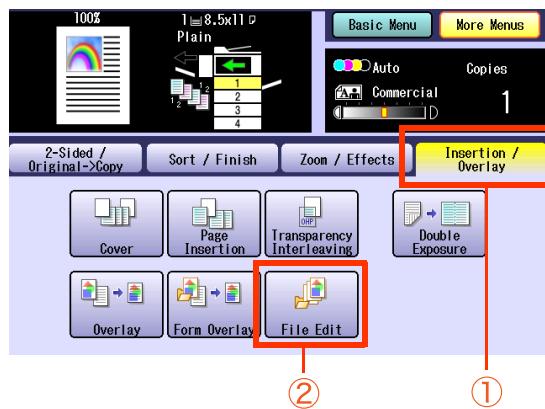
- Refer to **Placing Originals** (see page 6).

2 Press the **Copy** key if the machine is set to other function mode.

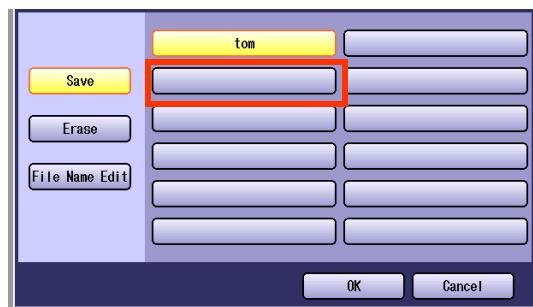
3 Select "More Menus".



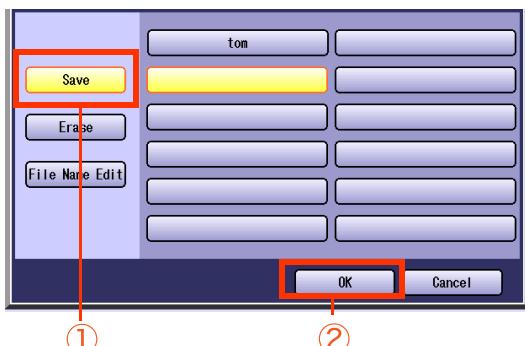
4 Select "Insertion / Overlay", and then select "File Edit".



5 Select a button without a file name registered.

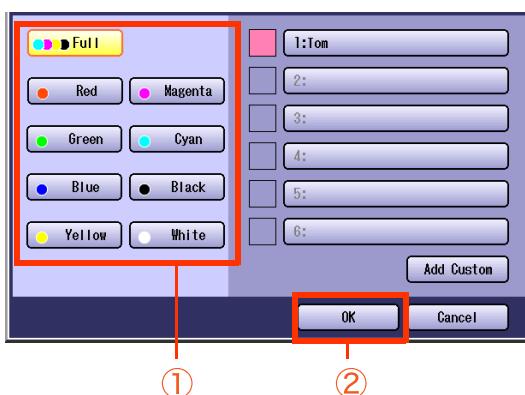


6 Select “Save”, and then select “OK”.

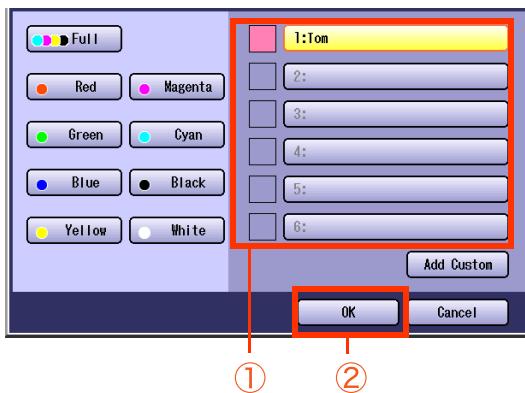


7 Select colors for the form from the basic colors or registered custom colors, and then select “OK”.

- When selecting from the basic colors

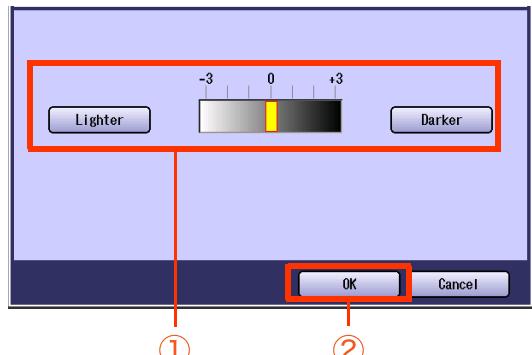


- When selecting from the registered custom colors



- If “Add Custom” is selected, the Add Custom screen is displayed, and colors can be registered as **New Color Registration** (see page 17).

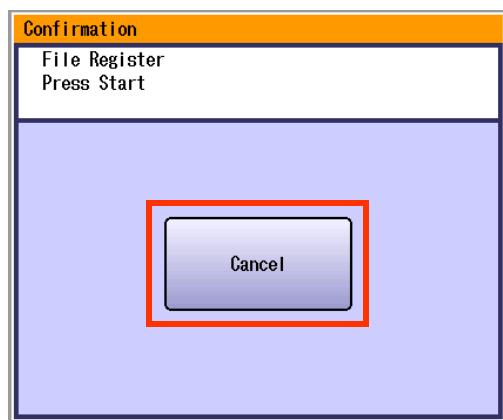
8 Adjust the overlay level with “Lighter” and “Darker”, and then select “OK”.



Lighter	Overlay level is decreased.
----------------	-----------------------------

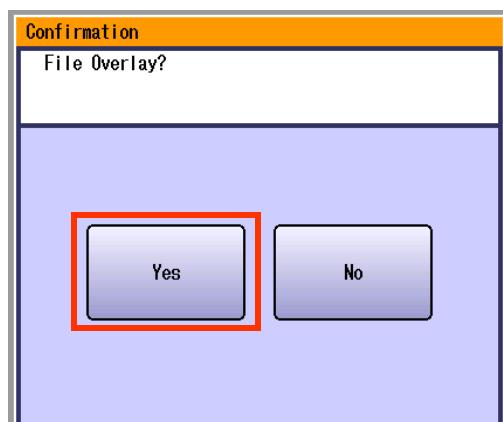
Darker	Overlay level is increased.
---------------	-----------------------------

- To cancel saving the overlay form, select “Cancel”.



9 Press the **Start** key.

10 Select “Yes”.



11 Enter the file name, and then select “OK”.



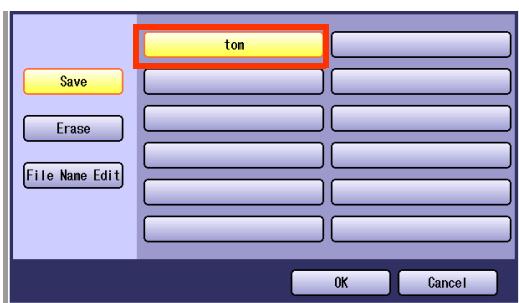
- Up to 20 characters can be entered.
- For instructions on how to enter characters, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

NOTE

- After completing the editing of the file name, press the **Reset** key to return to the initial screen of the currently active mode.

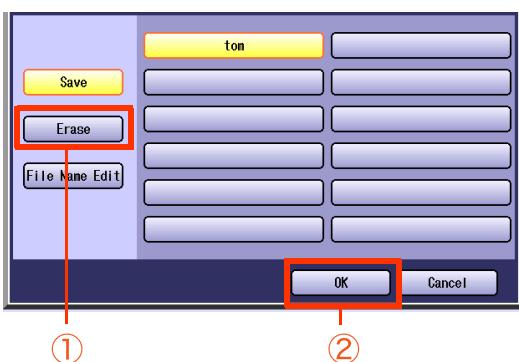
■ Erase

- 1 Select the file name to be deleted.

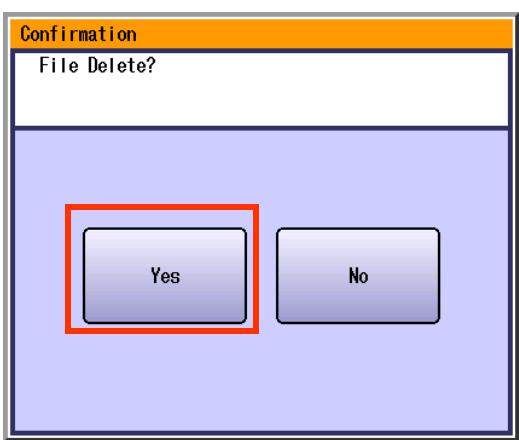


- To display the File Edit screen, refer to steps 2 to 4 in **Save** (see page 97).

- 2 Select “Erase”, and then select “OK”.



- 3 Select “Yes”.

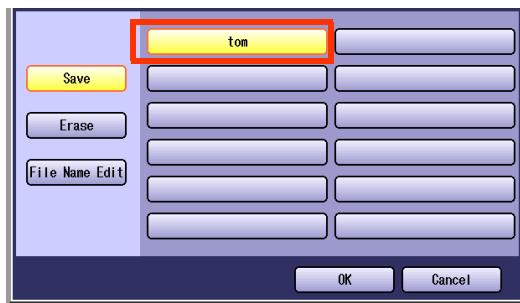


NOTE

- After completing the deletion of the file, press the **Reset** key to return to the initial screen of the currently active mode.

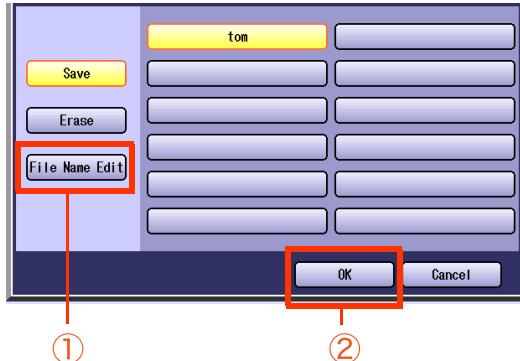
■ File Name Edit

- 1 Select the file name to be edited.

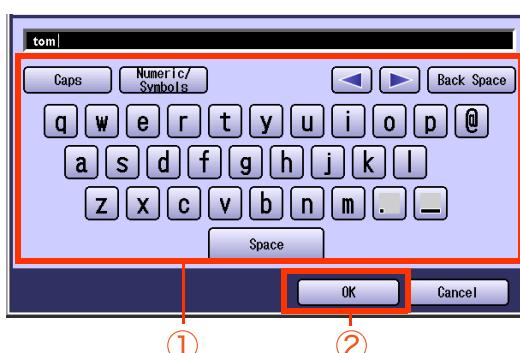


- To display the File Edit screen, refer to steps 2 to 4 in **Save** (see page 97).

- 2 Select “File Name Edit”, and then select “OK”.



- 3 Change the file name, and then select “OK”.



- Up to 20 characters can be entered.

- For instructions on how to enter characters, refer to **Using the Keyboard** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

NOTE

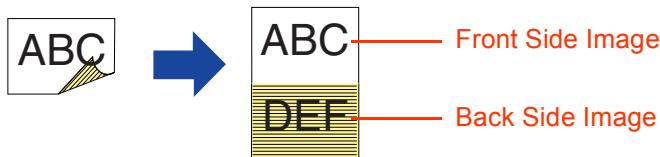
- After completing the editing of the file name, press the **Reset** key to return to the initial screen of the currently active mode.

Double Exposure

Both sides (front and back) of a 2-sided original can be copied onto one side of a sheet. Front side of the original is copied at the top of the page, and the back side at the bottom.

Ex: Name card (printed on both side)

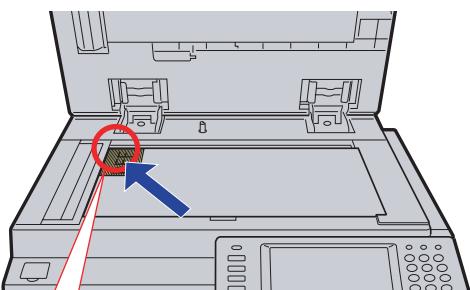
Original Size: (less than 5.5" x 8.5") Copy Size: (Letter)



NOTE

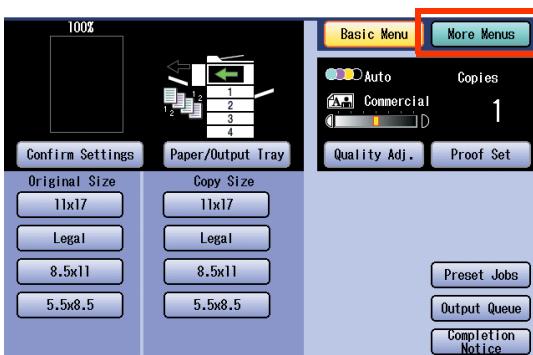
- This function is only available when copying a 2-sided original that is smaller than 5.5" x 8.5" in size.
- This function can be selected when the original is placed on the Platen Glass.
- As the original is placed on the Platen Glass with the ADF open, the position of the original may be erroneously detected if influenced by ambient light.
- If the margin around the original is 5 mm wide or less, the original may not be correctly detected, and the copy image may be unclear.

- 1** Open the ADF more than 45 degrees, and place original on the Platen Glass, and then leave the ADF open.

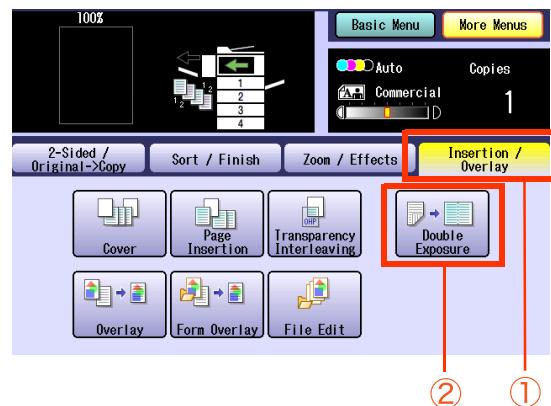


Face down. Align with top left corner.

- Refer to **Placing Originals** (see page 6).
- 2** Press the **Copy** key if the machine is set to other function mode.
- 3** Select “**More Menus**”.

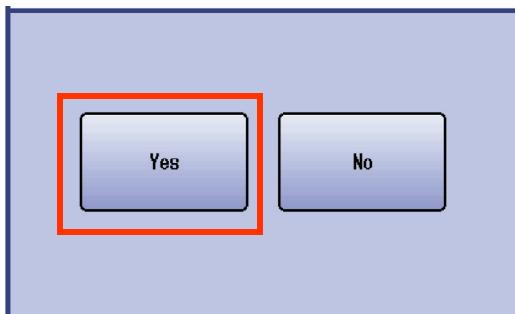


- 4** Select “**Insertion / Overlay**”, and then select “**Double Exposure**”.



- 5** Enter the desired number of copies.
- 6** Press the **Start** key.

- 7** Select “Yes” to copy the back side of the original.

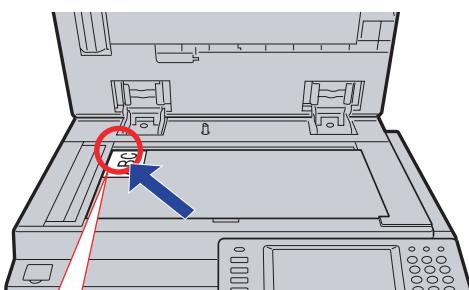


- The message is different according to the Sort mode.

For Non Sort: “Another Original?” is displayed. Select “Yes”.

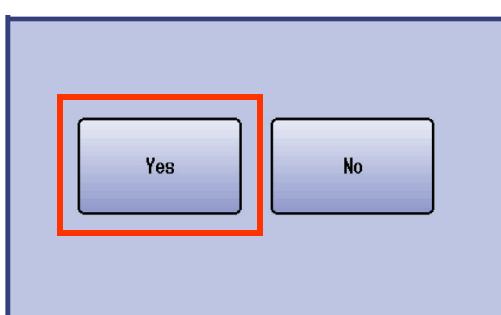
For Sort: “Last Original?” is displayed. Select “No”.

- 8** Place the back side of the original on the Platen Glass, and then leave the ADF open.



- 9** Press the **Start** key.

- 10** When the Sort mode has been selected, select “Yes” to finish copying.



- To copy another original, select “No” and place the next original and follow the instructions described on the Touch Panel Display.

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Memo

Making Copies with the ADF Opened

The original can be copied without generating dark borders even if the ADF is opened.

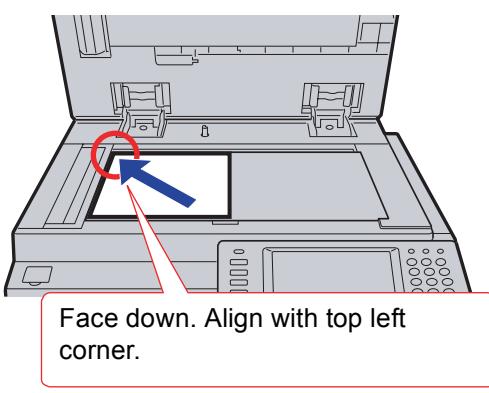
Digital Skyshot Mode

The Digital Skyshot mode can be selected in the standard settings.

NOTE

- When “**2 Page**” or “**N in 1**” is selected, only “**Normal**” can be set in the Digital Skyshot mode.
- If there is a white margin less than 5 mm around the original, the edge of the copy may come out abnormal (white lines/streaks). To avoid the problem, change the setting of “**Digital Skyshot Mode**” to “**No**”. For setting of “**Digital Skyshot Mode**”, refer to **Copier Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

- 1** Open the ADF more than 45 degrees, and place original on the Platen Glass, and then leave the ADF open.



- Refer to **Placing Originals** (see page 6).

- 2** Press the **Copy** key if the machine is set to other function mode.
3 Select copy features if necessary.



- 4** Enter the desired number of copies.

- 5** Press the **Start** key.

- Place the next original, and then follow the instructions described on the Touch Panel Display.

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

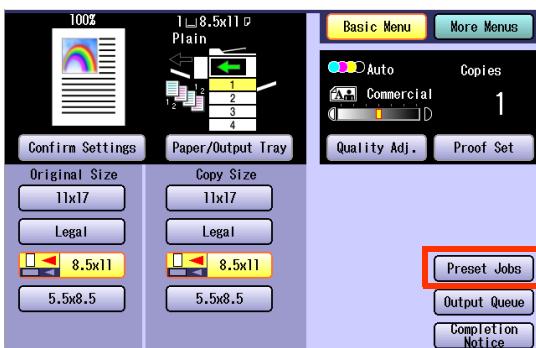
Manual Skyshot Mode

The original can be copied with the pre-registered scan size in memory.

NOTE

- Before using the Manual Skyshot mode, set M1 or M2 in the preset jobs. Refer to **Copier Settings** in the Operating Instructions (For Function Parameters) of provided CD-ROM.
- Originals with black borders may not be copied properly.
- If the Manual Skyshot mode is selected in “Sort”, “Shift-Sort”, “Rotate-Sort”, “Staple-Sort”, “Shift-Group” or “Rotate-Group”, the setting is automatically changed to “Non Sort”.

- Open the ADF more than 45 degrees, and place original on the Platen Glass, and then leave the ADF open.
● Refer to **Placing Originals** (see page 6).
- Press the **Copy** key if the machine is set to other function mode.
- Select copy features if necessary.
- Select “**Preset Jobs**” on the Basic Menu screen.



- Select the Original Size from either “M1:” or “M2:”.
- Enter the desired number of copies.
- Press the **Start** key.
● Place the next original, and then follow the instructions described on the Touch Panel Display.

NOTE

- After finishing copying, press the **Reset** key to return to the initial screen of the currently active mode.

Reserving the Next Copy Job while the Current Copy Job is Progressing

The next copy job can be reserved while the current copy job is under way.

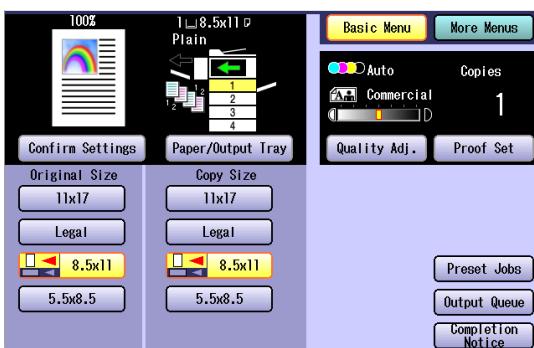
NOTE

- The previous copy job settings can be saved if the Function Parameter “**41 Reserve a Job Settings**” (Copier Settings > Key Operator Mode) is set to “**Save**”. This is useful when using the previous copy job settings to the next copy job. To save the previous copy job settings, refer to **Copier Settings (Key Operator Mode)** in the Operating Instructions (For Function Parameters) of provided CD-ROM.

- 1 Place the next original while copying current job.
- 2 Select “**Reserve a Job**”.



- 3 Select copy features if necessary.



- 4 Enter the desired number of copies.
- 5 Press the **Start** key.

- While the current job is progressing, the next copy job will be scanned and stored into the Hard Disk Drive.

Interrupting the Current Copy Jobs to Make an Urgent Copy

You can interrupt the current copy jobs and make an urgent copy.

NOTE

- When scanning the current copy job, other copy jobs cannot be interrupted.

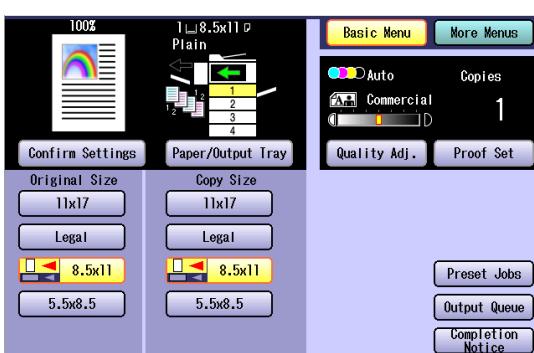
1 Press the **Interrupt** key while copying.



- The machine does not accept a job while the **Interrupt** key LED is flashing. Wait until the LED lights up before pressing the **Interrupt** key.

2 Place original(s).

3 Select copy features if necessary.



4 Enter the desired number of copies.

5 Press the **Start** key.

6 Repeat steps 2 to 5 to start the urgent copy job.

7 After the copy operation is completed, press the **Interrupt** key again.

The screen returns to the previous copy mode.

8 Press the **Start** key to resume the previous copying operation.

Combined Copy Functions

Newly Set Functions	1 → 2	2 → 1	2 → 2	2 Page	Book -> 2	N in 1	Booklet	Multi-Size Feed	Job Build & SADF	Sort	Non Sort	Shift-Sort	Shift-Group	Rotate-Sort	Rotate-Group	Staple-Sort	Punch	Zoom	Auto Zoom
Initially Set Functions																			
1 → 2	/	A	A	A	A	*4	A												
2 → 1	A	/	A	A	A	*4	A											x	
2 → 2	A	A	/	A	A	*4	A											x	
2 Page	A	A	A	/	A	A	A	x										x	
Book -> 2	A	A	A	A	/	A	A	x										x	
N in 1	A	A	A	A	A	/	A	x										x	
Booklet	A	A	A	A	A	A	/	x		x	x	x	x	x	x	x	x	x	x
Multi-Size Feed				x	x	x	x	/	x						*1	*1		x	
Job Build and SADF								x	/										x
Sort							A			/	A	A	A	A	A	A			
Non Sort							A			A	/	A	A	A	A	A			
Shift-Sort *1							A			A	A	/	A	/	/	A			
Shift-Group *1							A			A	A	A	/	/	/	A			
Rotate-Sort							A	*1		A	A	/	/	/	A	x	x		A
Rotate-Group							A	*1		A	A	/	/	A	/	x	x		x
Staple-Sort *1							*2			A	A	A	A	x	x	/			
Punch *1							A							x	x			/	
Zoom																	/	A	
Auto Zoom	x	x	A	A	A	x	A	x						x	x		A	/	
Edge																			x
Book							x	x											x
Margin							x												x
Mirror																			
Stamping				x	x									*3	*3	*3			x
Centering	x	x	A	A	A	x	A	x						x	x				
Image Repeat	A	x	x	A	A	A	x	A	x					x	x				x
Inverse																			
Cover				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Page Insertion				x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Transparency Interleaving	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Overlay				x	x	x	x	x	x									x	x
Form Overlay				x	x	x	x	x	x									x	x
Digital Skyshot		x	x					x	x	x						x			
Manual Skyshot	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Completion Notice																			
Interrupt																			
Proof Copy																			
Double Exposure	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	

Blank: Combined setting is available.

x: Combined setting is not available.

A: The latter selection has the priority over the initially selected function.

/: There is no combination.

*1: The setting is possible only when the paper size is the same.

*2: “Saddle-Stitch” is set.

*3: When “Issue Number” is selected in the Stamp function, “Non Sort”, “Shift-Group”, or “Rotate-Group” cannot be selected.

*4: Combined setting is possible by setting from the N in 1 screen.

Newly Set Functions		Edge	Book	Margin	Mirror	Stamping	Centering	Image Repeat	Inverse	Cover	Page Insertion	Transparency Interleaving	Overlay	Form Overlay	Digital Skyshot	Manual Skyshot	Completion Notice	Interrupt	Proof Copy	Double Exposure
Initially Set Functions																				
1 > 2								x				A				A		A		
2 > 1								x	x					x	A		A	A		
2 > 2								x	x			A		x	A		A	A		
2 Page								x	x	x	A	A	A	x	x	A		A	A	
Book -> 2								x	x	x	A	A	A	x	x	A		A	A	
N in 1	x							x	x		A	A	A	x	x	A		A	A	
Booklet	x	x						x	x		A	A	A	x	x	x	A		A	
Multi-Size Feed								x	x		A	A	A	x	x	x	A		A	
Job Build and SADF								x	x		A	A	A			x	A	A	A	
Sort												A				A	A	A	A	
Non Sort						*	6				A	A				A	A	A	A	
Shift-Sort *5												A				A	A	A	A	
Shift-Group *5						*	6				A	A	A			A	A	A	A	
Rotate-Sort											A	A	A			A	A	A	A	
Rotate-Group						*	6	x	x		A	A	A			x	A	A	A	
Staple-Sort *5												A				A	A	A	A	
Punch *5												A				A	A	A	A	
Zoom													A	A		A	A	A	A	
Auto Zoom	x	x	x		x			x		x	x	x	A	A		A	A	A	A	
Edge	/							x	A							A	A	A	A	
Book		/						x	A							A	A	A	A	
Margin		/						x	A							A	A	A	A	
Mirror			/													A	A	A	A	
Stamping					/	x	x								x	A	A	A	A	
Centering	x	x	x		x	/	A			x	x	x	A	A		A	A	A	A	
Image Repeat	x	x	x		x	A	/			x	x	x	A	A		A	A	A	A	
Inverse								/					x	x		A	A	A	A	
Cover								x	x		/	A			x	A	A	A	A	
Page Insertion								x	x			/	A		x	A	A	A	A	
Transparency Interleaving								x	x		A	A	/		x	A	A	A	A	
Overlay								x	x	x			/	A		A	x	A		
Form Overlay								x	x	x			A	/		A	x	A		
Digital Skyshot					x					x	x	x			/	A	A	A	A	
Manual Skyshot					x	x				x	x	x	x	x	/		A	A		
Completion Notice															/	A				
Interrupt															x	/				
Proof Copy																A	/			
Double Exposure	x					x	x			x	x	x	x	x		A	A		/	

*5: Settings are possible when the optional Finisher is installed.

	DA-FS402W	DA-FS405W
Rotate-Sort	Not Available	Not Available
Rotate-Group	Not Available	Not Available
Shift-Sort	Available	Available
Shift-Group	Available	Available
Staple-Sort	Stapled in 1 position.	Stapled in 1 front position. Stapled in 1 inner position. Stapled in 2 center position.
Punch	Not Available	Available
Saddle-Stitch	Not Available	Available

*6: When “Issue Number” is selected in the Stamp function, “Non Sort”, “Shift-Group”, or “Rotate-Group” will be automatically changed to “Sort”.

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